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OM nucleic - nucleic search, using sw model

Run on: November 15, 2004, 07:57:28 ; Search time 7 Seconds  
(without alignments)  
3.633 Million cell updates/sec

Title: US-09-964-666-1

Perfect score: 990

Sequence: 1 CACGCTCGGCTAATTGTA.....CTCAACTCTGACTCAGG 990

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 630 segs, 12844 residues

Total number of hits satisfying chosen parameters: 1260

Minimum DB seq length: 10  
Maximum DB seq length: 70

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 636 summaries

Database : rn1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	47.8	4.8	51	1	US-09-443-199C-911
2	46.2	4.7	51	1	US-09-443-199C-912
3	44.6	4.5	51	1	US-09-443-199C-913
4	44.6	4.5	51	1	US-09-443-199C-1181
5	43	4.3	51	1	US-09-443-199C-914
6	43	4.3	51	1	US-09-443-199C-1182
7	42	4.2	51	1	US-09-513-999C-18997
8	41.8	4.2	51	1	US-09-422-978-3767
9	41.4	4.2	51	1	US-09-443-199C-671
10	41.4	4.2	51	1	US-09-443-199C-704
11	41.4	4.2	51	1	US-09-443-199C-1125
12	40.2	4.1	47	1	US-09-422-978-2999
13	40	4.0	40	1	US-09-060-023A-1
14	38.8	3.9	47	1	US-09-422-978-2353
15	38	3.8	47	1	US-09-422-978-1121
16	35.2	3.6	40	1	US-08-767-979-9
17	35.2	3.6	40	1	US-08-767-979-9
18	35.2	3.6	40	1	US-09-060-023A-2
19	34.2	3.5	35	1	US-08-255-889-10
20	33.6	3.4	40	1	US-08-767-979-8
21	33.6	3.4	40	1	US-09-295-026-11
22	31.8	3.2	35	1	US-08-255-889-11
23	27.6	2.8	29	1	US-09-304-233-859
24	27.6	2.8	31	1	US-08-070-517-3
25	27	2.7	29	1	US-09-304-233-196
26	27	2.7	29	1	US-09-304-233-593
27	27	2.7	29	1	US-09-304-233-571
28	27	2.7	29	1	US-09-304-233-700
29	27	2.7	29	1	US-09-304-233-705
30	27	2.7	29	1	US-09-304-233-706
31	26.4	2.7	30	1	US-08-454-557C-6
32	26.4	2.7	30	1	US-08-340-425D-6
33	26.4	2.7	30	1	US-08-450-673C-6

C 107	19.8	2.0	24	1	US-09-018-584A-96	Sequence 96, Appl	180	18	1.8	18	1	1	US-09-276-993-7	Sequence 7, Appl
C 108	19.8	2.0	24	1	US-09-784-423-96	Sequence 96, Appl	181	18	1.8	18	1	1	US-09-276-993-9	Sequence 9, Appl
C 109	19.2	1.9	20	1	US-08-670-479-11	Sequence 11, Appl	182	18	1.8	18	1	1	US-09-723-450-7	Sequence 7, Appl
C 110	19.2	1.9	24	1	US-09-345-217-10	Sequence 10, Appl	183	18	1.8	18	1	1	US-09-723-450-9	Sequence 9, Appl
C 111	19.2	1.9	24	1	US-09-404-912-13	Sequence 13, Appl	184	18	1.8	18	1	1	US-09-467-644-64	Sequence 64, Appl
C 112	19.2	1.9	24	1	US-09-845-129-10	Sequence 10, Appl	185	18	1.8	18	1	1	US-10-172-911-80	Sequence 80, Appl
C 113	19	1.9	19	1	US-08-629-939-10	Sequence 10, Appl	186	18	1.8	18	1	1	US-09-009-913-61	Sequence 61, Appl
C 114	19	1.9	19	1	US-08-759-873-10	Sequence 10, Appl	187	18	1.8	18	1	1	US-09-357-740-7	Sequence 7, Appl
C 115	19	1.9	20	1	US-09-280-805-243	Sequence 243, App	188	18	1.8	18	1	1	US-09-097-119-87	Sequence 87, Appl
C 116	19	1.9	20	1	US-09-280-805-250	Sequence 250, App	189	18	1.8	18	1	1	US-09-918-686-93	Sequence 93, Appl
C 117	19	1.9	20	1	US-09-487-445-94	Sequence 94, Appl	190	17.8	1.8	18	1	1	US-08-203-198-25	Sequence 26, Appl
C 118	19	1.9	20	1	US-09-898-361-95	Sequence 95, Appl	191	17.8	1.8	18	1	1	US-08-632-578B-21	Sequence 21, Appl
C 119	19	1.9	20	1	US-09-60-299-286	Sequence 286, App	192	17.8	1.8	18	1	1	US-08-933-336-15	Sequence 15, Appl
C 120	19	1.9	20	1	US-09-402-923A-286	Sequence 286, App	193	17.8	1.8	18	1	1	US-08-781-891-7	Sequence 7, Appl
C 121	19	1.9	20	1	US-09-574-779B-30	Sequence 30, Appl	194	17.8	1.8	18	1	1	US-08-847-844A-116	Sequence 116, App
C 122	18.8	1.9	22	1	US-08-874-186-11	Sequence 11, Appl	195	17.8	1.8	18	1	1	US-08-649-950-67	Sequence 67, Appl
C 123	18.8	1.9	22	1	US-08-781-891-11	Sequence 11, Appl	196	17.8	1.8	18	1	1	US-09-918-686-87	Sequence 87, Appl
C 124	18.8	1.9	22	1	US-09-918-686-90	Sequence 90, Appl	197	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 21, Appl
C 125	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, Appl	198	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 7, Appl
C 126	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, Appl	199	17.8	1.8	18	1	1	US-08-599-252-35	Sequence 35, Appl
C 127	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, Appl	200	17.8	1.8	18	1	1	US-08-599-252-38	Sequence 38, Appl
C 128	18.8	1.9	23	1	US-09-526-193A-274	Sequence 274, App	201	17.8	1.8	18	1	1	US-08-599-252-52	Sequence 52, Appl
C 129	18.8	1.9	23	1	US-09-922-445-42	Sequence 42, App	202	17.8	1.8	18	1	1	US-08-859-998-25	Sequence 25, Appl
C 130	18.4	1.9	23	1	US-09-454-495-9	Sequence 9, Appl	203	17.8	1.8	18	1	1	US-09-146-588-10	Sequence 10, Appl
C 131	18.4	1.9	20	1	US-08-222-177A-341	Sequence 341, App	204	17.8	1.8	18	1	1	US-09-199-542B-21	Sequence 21, Appl
C 132	18.4	1.9	20	1	US-08-588-821-70	Sequence 351, App	205	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 7, Appl
C 133	18.4	1.9	20	1	US-08-605-089-43	Sequence 43, Appl	206	17.8	1.8	18	1	1	US-09-918-686-88	Sequence 25, Appl
C 134	18.4	1.9	20	1	US-08-915-214-70	Sequence 70, Appl	207	17.8	1.8	18	1	1	US-09-225-201B-55	Sequence 85, Appl
C 135	18.4	1.9	20	1	US-08-849-701-12	Sequence 12, Appl	208	17.8	1.8	18	1	1	US-09-834-795A-14	Sequence 14, Appl
C 136	18.4	1.9	20	1	US-09-005-532-70	Sequence 70, Appl	209	17.8	1.8	18	1	1	US-09-834-795A-14	Sequence 14, Appl
C 137	18.4	1.9	20	1	US-09-289-267-164	Sequence 164, App	210	17.8	1.8	18	1	1	PCT-US96-06352-35	Sequence 35, Appl
C 138	18.4	1.9	20	1	US-09-435-296-80	Sequence 80, Appl	211	17.8	1.8	18	1	1	PCT-US96-06352-38	Sequence 38, Appl
C 139	18.4	1.9	20	1	US-09-435-296-81	Sequence 81, Appl	212	17.8	1.8	18	1	1	PCT-US96-06353-35	Sequence 35, Appl
C 140	18.4	1.9	20	1	US-09-280-805-246	Sequence 246, App	213	17.8	1.8	18	1	1	PCT-US96-06583-18	Sequence 38, Appl
C 141	18.4	1.9	20	1	US-09-280-805-268	Sequence 268, App	214	17.8	1.8	18	1	1	PCT-US96-06583-52	Sequence 52, Appl
C 142	18.4	1.9	20	1	US-09-286-959B-12	Sequence 12, Appl	215	17.4	1.8	18	1	1	US-08-222-177A-330	Sequence 330, App
C 143	18.4	1.9	20	1	US-09-467-642-68	Sequence 68, Appl	216	17.4	1.8	18	1	1	US-09-366-840-2	Sequence 2, Appl
C 144	18.4	1.9	20	1	US-09-467-642-73	Sequence 73, Appl	217	17.4	1.8	18	1	1	US-09-564-805-100	Sequence 100, App
C 145	18.4	1.9	20	1	US-09-488-856A-71	Sequence 71, Appl	218	17.4	1.8	18	1	1	US-09-544-398B-222	Sequence 222, App
C 146	18.4	1.9	20	1	US-09-488-856A-73	Sequence 73, Appl	219	17.4	1.8	18	1	1	US-09-435-296-79	Sequence 79, Appl
C 147	18.4	1.9	20	1	US-09-662-250A-76	Sequence 76, Appl	220	17.4	1.8	18	1	1	US-09-280-805-249	Sequence 249, App
C 148	18.4	1.9	20	1	US-09-844-634-44	Sequence 44, Appl	221	17.4	1.8	18	1	1	US-09-280-805-256	Sequence 256, App
C 149	18.4	1.9	20	1	US-09-607-529-3	Sequence 3, Appl	222	17.4	1.8	18	1	1	US-09-280-805-257	Sequence 257, App
C 150	18.4	1.9	20	1	US-09-657-346A-24	Sequence 24, Appl	223	17.4	1.8	18	1	1	US-09-038-631-155	Sequence 155, App
C 151	18.4	1.9	20	1	US-09-657-346A-33	Sequence 33, Appl	224	17.4	1.8	18	1	1	US-09-467-642-65	Sequence 65, Appl
C 152	18.4	1.9	20	1	US-09-620-759-87	Sequence 87, Appl	225	17.4	1.8	18	1	1	US-09-588-950A-5	Sequence 5, Appl
C 153	18.4	1.9	20	1	US-09-060-299-257	Sequence 257, App	226	17.4	1.8	18	1	1	US-09-851-896-18	Sequence 18, Appl
C 154	18.4	1.9	20	1	US-09-060-299-256	Sequence 256, App	227	17.4	1.8	18	1	1	US-09-780-173-25	Sequence 25, Appl
C 155	18.4	1.9	20	1	US-09-402-923A-257	Sequence 257, App	228	17.4	1.8	18	1	1	US-09-780-173A-20	Sequence 20, Appl
C 156	18.4	1.9	20	1	US-09-402-923A-256	Sequence 256, App	229	17.4	1.8	18	1	1	US-09-733-294A-32	Sequence 32, Appl
C 157	18.4	1.9	20	1	US-09-679-299A-76	Sequence 76, App	230	17.4	1.8	18	1	1	US-09-657-346A-32	Sequence 32, Appl
C 158	18.4	1.9	20	1	US-09-956-279-3	Sequence 3, Appl	231	17.4	1.8	18	1	1	US-09-657-346A-49	Sequence 49, Appl
C 159	18.4	1.9	21	1	US-08-133-629-3	Sequence 3, Appl	232	17.4	1.8	18	1	1	US-09-679-299A-4	Sequence 4, Appl
C 160	18.4	1.9	23	1	US-08-632-578B-31	Sequence 31, Appl	233	17.4	1.8	18	1	1	US-09-679-299A-69	Sequence 69, Appl
C 161	18.4	1.9	23	1	US-09-199-542B-31	Sequence 31, Appl	234	17.4	1.8	18	1	1	US-08-394-210-6	Sequence 6, Appl
C 162	18.2	1.8	19	1	US-08-070-517-2	Sequence 2, Appl	235	17.4	1.8	18	1	1	US-09-475-947A-119	Sequence 119, App
C 163	18.2	1.8	19	1	US-08-070-517-2	Sequence 2, Appl	236	17	1.7	17	1	1	US-08-635-820A-2	Sequence 2, Appl
C 164	18.2	1.8	19	1	US-08-118-441-1	Sequence 1, Appl	237	17	1.7	17	1	1	US-09-100-104-2	Sequence 2, Appl
C 165	18.2	1.8	19	1	US-08-118-441-2	Sequence 2, Appl	238	17	1.7	17	1	1	US-08-222-177A-82	Sequence 82, Appl
C 166	18.2	1.8	19	1	US-08-422-699A-13	Sequence 13, Appl	239	17	1.7	17	1	1	US-08-487-759-1	Sequence 1, Appl
C 167	18.2	1.8	19	1	US-08-422-699A-14	Sequence 14, Appl	240	17	1.7	17	1	1	US-08-807-104-1	Sequence 1, Appl
C 168	18.2	1.8	19	1	US-08-422-706B-13	Sequence 13, Appl	241	17	1.7	17	1	1	US-08-807-104-4	Sequence 4, Appl
C 169	18.2	1.8	19	1	US-08-422-706B-14	Sequence 14, Appl	242	17	1.7	17	1	1	US-08-807-104-6	Sequence 6, Appl
C 170	18.2	1.8	19	1	US-08-338-579A-1	Sequence 1, Appl	243	17	1.7	17	1	1	US-08-807-104-7	Sequence 7, Appl
C 171	18.2	1.8	19	1	US-08-338-579A-2	Sequence 2, Appl	244	17	1.7	17	1	1	US-08-807-104-8	Sequence 8, Appl
C 172	18.2	1.8	19	1	US-09-078-294-1	Sequence 1, Appl	245	17	1.7	17	1	1	US-08-807-104-9	Sequence 9, Appl
C 173	18.2	1.8	19	1	PCT-US94-09851-1	Sequence 1, Appl	246	17	1.7	17	1	1	US-08-807-104-10	Sequence 10, Appl
C 174	18.2	1.8	19	1	PCT-US94-09851-2	Sequence 2, Appl	247	17	1.7	17	1	1	US-08-807-104-13	Sequence 13, Appl
C 175	18	1.8	18	1	US-09-156-253-30	Sequence 30, Appl	248	17	1.7	17	1	1	US-08-807-104-14	Sequence 14, Appl
C 176	18	1.8	18	1	US-08-859-167-7	Sequence 7, Appl	249	17	1.7	17	1	1	US-08-807-104-15	Sequence 15, Appl
C 177	18	1.8	18	1	US-08-859-167-9	Sequence 9, Appl	250	17	1.7	17	1	1	US-08-807-104-16	Sequence 16, Appl
C 178	18	1.8	18	1	US-09-109-273-7	Sequence 7, Appl	251	17	1.7	17	1	1	US-08-670-479-12	Sequence 12, Appl
C 179	18	1.8	18	1	US-09-109-273-9	Sequence 9, Appl	252	17	1.7	17	1	1	US-08-973-139-1	Sequence 1, Appl

253	17	1.7	19	1	US-08-480-068-1	Sequence 1, Appl1	325	16.4	1.7	18	1	US-09-156-253-45	Sequence 45, Appl1
254	17	1.7	19	1	US-08-480-068-4	Sequence 4, Appl1	C 327	16.4	1.7	18	1	US-09-161-443-46	Sequence 46, Appl1
255	17	1.7	19	1	US-08-480-068-6	Sequence 6, Appl1	C 328	16.4	1.7	18	1	US-09-161-443-47	Sequence 47, Appl1
256	17	1.7	19	1	US-08-480-068-7	Sequence 7, Appl1	329	16.4	1.7	18	1	US-09-630-706-94	Sequence 94, Appl1
257	17	1.7	19	1	US-08-480-068-8	Sequence 8, Appl1	C 330	16.4	1.7	18	1	US-09-544-398B-220	Sequence 220, App
258	17	1.7	19	1	US-08-480-068-9	Sequence 9, Appl1	331	16.4	1.7	18	1	US-09-544-398B-438	Sequence 438, App
259	17	1.7	19	1	US-08-480-068-10	Sequence 10, Appl1	332	16.4	1.7	19	1	US-08-767-979-10	Sequence 10, Appl1
260	17	1.7	19	1	US-08-480-068-13	Sequence 13, Appl1	333	16.4	1.7	19	1	US-09-295-026-10	Sequence 10, Appl1
261	17	1.7	19	1	US-08-480-068-14	Sequence 14, Appl1	C 334	16.4	1.7	20	1	US-08-741-406-8	Sequence 8, Appl1
262	17	1.7	19	1	US-08-480-068-15	Sequence 15, Appl1	C 335	16.4	1.7	20	1	US-09-024-472-8	Sequence 8, Appl1
263	17	1.7	19	1	US-08-480-068-16	Sequence 16, Appl1	336	16.4	1.7	20	1	US-09-479-005A-270	Sequence 270, App
264	17	1.7	19	1	US-08-973-137-1	Sequence 1, Appl1	C 337	16	1.6	16	1	US-09-347-114A-91	Sequence 91, Appl1
265	17	1.7	19	1	US-08-973-137-4	Sequence 4, Appl1	C 338	16	1.6	17	1	US-08-529-878B-33	Sequence 33, Appl1
266	17	1.7	19	1	US-08-973-137-6	Sequence 6, Appl1	C 339	16	1.6	19	1	US-09-091-952A-86	Sequence 86, Appl1
267	17	1.7	19	1	US-08-973-137-7	Sequence 7, Appl1	C 340	16	1.6	20	1	US-09-496-694B-264	Sequence 264, App
268	17	1.7	19	1	US-08-973-137-8	Sequence 8, Appl1	C 341	15.8	1.6	19	1	US-08-222-177A-353	Sequence 353, App
269	17	1.7	19	1	US-08-973-137-9	Sequence 9, Appl1	342	15.8	1.6	19	1	US-08-117-952-623	Sequence 1, Appl1
270	17	1.7	19	1	US-08-973-137-10	Sequence 10, Appl1	C 343	15.8	1.6	19	1	US-08-469-852B-2	Sequence 2, Appl1
271	17	1.7	19	1	US-08-973-137-13	Sequence 13, Appl1	344	15.8	1.6	19	1	US-08-271-882B-16	Sequence 16, Appl1
272	17	1.7	19	1	US-08-973-137-14	Sequence 14, Appl1	345	15.8	1.6	19	1	US-08-295-509B-2	Sequence 2, Appl1
273	17	1.7	19	1	US-08-973-137-15	Sequence 15, Appl1	346	15.8	1.6	19	1	US-08-973-509B-2	Sequence 2, Appl1
274	17	1.7	19	1	US-08-973-137-16	Sequence 16, Appl1	347	15.8	1.6	19	1	US-09-234-237-1	Sequence 1, Appl1
C 275	17	1.7	19	1	US-08-672-717-98	Sequence 98, Appl1	348	15.8	1.6	19	1	US-09-016-520-20	Sequence 20, Appl1
C 276	17	1.7	19	1	US-09-404-912-3	Sequence 3, Appl1	349	15.8	1.6	19	1	US-09-016-520-21	Sequence 21, Appl1
C 277	17	1.7	19	1	US-09-404-912-3	Sequence 3, Appl1	350	15.8	1.6	19	1	US-09-016-520-22	Sequence 22, Appl1
C 278	17	1.7	19	1	PCT-US96-08330-1	Sequence 1, Appl1	351	15.8	1.6	19	1	US-09-016-520-23	Sequence 23, Appl1
C 279	17	1.7	20	1	US-08-807-104-2	Sequence 2, Appl1	352	15.8	1.6	19	1	US-09-016-520-24	Sequence 24, Appl1
C 280	17	1.7	20	1	US-08-807-104-2	Sequence 2, Appl1	353	15.8	1.6	19	1	US-09-016-520-25	Sequence 25, Appl1
C 281	17	1.7	20	1	US-08-480-068-2	Sequence 2, Appl1	354	15.8	1.6	19	1	US-09-016-520-26	Sequence 26, Appl1
C 282	17	1.7	20	1	US-08-805-241	Sequence 241, App	355	15.8	1.6	19	1	US-09-016-520-27	Sequence 27, Appl1
C 283	17	1.7	20	1	US-08-973-137-2	Sequence 2, Appl1	356	15.8	1.6	19	1	US-09-016-520-31	Sequence 31, Appl1
C 284	17	1.7	20	1	US-09-233-086-61	Sequence 61, Appl1	357	15.8	1.6	19	1	US-09-016-520-33	Sequence 33, Appl1
C 285	16.8	1.7	20	1	US-07-952-442-19	Sequence 19, Appl1	358	15.8	1.6	19	1	US-09-016-520-34	Sequence 34, Appl1
C 286	16.8	1.7	20	1	US-07-890-719-5	Sequence 5, Appl1	359	15.8	1.6	19	1	US-09-016-520-44	Sequence 44, Appl1
C 287	16.8	1.7	20	1	US-08-259-766-19	Sequence 19, Appl1	360	15.8	1.6	19	1	US-08-757-223-12	Sequence 12, Appl1
C 288	16.8	1.7	20	1	US-08-230-936-12	Sequence 12, Appl1	C 361	15.8	1.6	19	1	US-09-378-568-4	Sequence 4, Appl1
C 289	16.8	1.7	20	1	US-08-480-784-9	Sequence 9, Appl1	362	15.8	1.6	19	1	US-09-130-973-20	Sequence 20, Appl1
C 290	16.8	1.7	20	1	US-08-483-553-9	Sequence 9, Appl1	363	15.8	1.6	19	1	US-09-130-973-21	Sequence 21, Appl1
C 291	16.8	1.7	20	1	US-08-487-002-9	Sequence 9, Appl1	364	15.8	1.6	19	1	US-09-130-973-22	Sequence 22, Appl1
C 292	16.8	1.7	20	1	US-08-483-554B-9	Sequence 9, Appl1	365	15.8	1.6	19	1	US-09-130-973-23	Sequence 23, Appl1
C 293	16.8	1.7	20	1	US-08-488-011B-9	Sequence 9, Appl1	366	15.8	1.6	19	1	US-09-130-973-24	Sequence 24, Appl1
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C 295	16.8	1.7	20	1	US-08-651-692-27	Sequence 27, Appl1	368	15.8	1.6	19	1	US-09-130-973-26	Sequence 26, Appl1
C 296	16.8	1.7	20	1	US-08-480-655-5	Sequence 5, Appl1	369	15.8	1.6	19	1	US-09-130-973-27	Sequence 27, Appl1
C 297	16.8	1.7	20	1	US-09-092-988-19	Sequence 19, Appl1	370	15.8	1.6	19	1	US-09-130-973-31	Sequence 31, Appl1
C 298	16.8	1.7	20	1	US-09-289-257-162	Sequence 162, App	371	15.8	1.6	19	1	US-09-130-973-33	Sequence 33, Appl1
C 299	16.8	1.7	20	1	US-09-289-257-163	Sequence 163, App	372	15.8	1.6	19	1	US-09-130-973-34	Sequence 34, Appl1
C 300	16.8	1.7	20	1	US-09-009-913-230	Sequence 230, App	373	15.8	1.6	19	1	US-09-130-973-44	Sequence 44, Appl1
C 301	16.8	1.7	20	1	US-09-358-384-38	Sequence 38, App	374	15.8	1.6	19	1	US-09-477-902-20	Sequence 20, Appl1
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C 303	16.8	1.7	20	1	US-08-850-727-9	Sequence 9, Appl1	376	15.8	1.6	19	1	US-09-477-902-22	Sequence 22, Appl1
C 304	16.8	1.7	20	1	US-09-429-034-19	Sequence 19, Appl1	377	15.8	1.6	19	1	US-09-477-902-23	Sequence 23, Appl1
C 305	16.8	1.7	20	1	US-09-280-805-251	Sequence 251, App	378	15.8	1.6	19	1	US-09-477-902-24	Sequence 24, Appl1
C 306	16.8	1.7	20	1	US-09-280-805-258	Sequence 258, App	379	15.8	1.6	19	1	US-09-477-902-25	Sequence 25, Appl1
C 307	16.8	1.7	20	1	US-09-280-805-262	Sequence 262, App	380	15.8	1.6	19	1	US-09-477-902-26	Sequence 26, Appl1
C 308	16.8	1.7	20	1	US-09-280-805-265	Sequence 265, App	381	15.8	1.6	19	1	US-09-477-902-27	Sequence 27, Appl1
C 309	16.8	1.7	20	1	US-09-455-683-5	Sequence 5, Appl1	382	15.8	1.6	19	1	US-09-477-902-31	Sequence 31, Appl1
C 310	16.8	1.7	20	1	US-09-496-694B-233	Sequence 233, App	383	15.8	1.6	19	1	US-09-477-902-33	Sequence 33, Appl1
C 311	16.8	1.7	20	1	US-09-662-250A-75	Sequence 75, Appl1	384	15.8	1.6	19	1	US-09-477-902-44	Sequence 44, Appl1
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C 314	16.8	1.7	20	1	US-09-780-173A-19	Sequence 19, Appl1	387	15.8	1.6	19	1	US-09-133-108-6	Sequence 6, Appl1
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C 316	16.8	1.7	20	1	US-09-657-346A-52	Sequence 52, Appl1	389	15.8	1.6	19	1	US-09-338-907-615	Sequence 615, App
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C 318	16.8	1.7	20	1	US-09-060-299-302	Sequence 302, App	391	15.8	1.6	19	1	US-09-202-294-4	Sequence 4, Appl1
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405	15.8	1.6	19	1	US-09-227-782-7	Sequence 7, Appl1	C 478	14.8	1.5	18	1	US-09-009-490A-4	Sequence 4, Appl1
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C 428	15.8	1.6	19	1	US-09-409-926-18	Sequence 18, Appl1	C 501	14	1.4	15	1	US-08-292-620A-349	Sequence 349, App
C 429	15.8	1.6	19	1	US-10-123-597-1	Sequence 1, Appl1	C 502	14	1.4	15	1	US-09-071-845-336	Sequence 336, App
C 430	15.8	1.6	19	1	US-10-123-597-2	Sequence 2, Appl1	C 503	14	1.4	15	1	US-09-071-845-349	Sequence 349, App
C 431	15.8	1.6	19	1	US-10-123-597-3	Sequence 3, Appl1	C 504	14	1.4	15	1	US-08-906-156A-6	Sequence 6, Appl1
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C 444	15.8	1.6	19	1	US-10-098-816-16	Sequence 16, Appl1	C 517	13.8	1.4	17	1	US-09-430-323-112	Sequence 132, App
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C 450	15	1.5	15	1	US-08-292-620A-350	Sequence 350, App	C 523	13.8	1.4	17	1	US-08-679-646-885	Sequence 885, App
C 451	15	1.5	15	1	US-09-071-845-350	Sequence 350, Appl	C 524	13.8	1.4	17	1	US-09-619-103-23	Sequence 23, Appl1
C 452	15	1.5	15	1	US-09-081-646-23	Sequence 23, Appl1	C 525	13.8	1.4	17	1	US-09-726-096A-5	Sequence 5, Appl1
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C 458	15	1.5	18	1	PCT-US91-03680-74	Sequence 74, Appl1	C 531	13.8	1.4	17	1	US-09-866-108A-9424	Sequence 9424, Ap
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610 12.4 1.3 15 1 US-08-832-021-18  
611 12.4 1.3 15 1 US-08-832-021-20  
612 12.4 1.3 15 1 US-08-832-021-44  
613 12.4 1.3 15 1 US-08-832-021-56  
614 12.4 1.3 15 1 US-09-071-845-13  
615 12.4 1.3 15 1 US-09-071-845-355  
616 12.4 1.3 15 1 US-09-071-845-359  
617 12.4 1.3 15 1 US-09-071-845-360

Sequence 11, App1  
Sequence 400, App  
Sequence 483, App  
Sequence 492, App  
Sequence 164, App  
Sequence 2, App1  
Sequence 127, App  
Sequence 6097, App  
Sequence 171, App  
Sequence 261, App  
Sequence 263, App  
Sequence 265, App  
Sequence 127, App  
Sequence 549, App  
Sequence 211, App  
Sequence 27, App1  
Sequence 10, App1  
Sequence 841, App  
Sequence 913, App  
Sequence 914, App  
Sequence 6, App1  
Sequence 36, App1  
Sequence 42, App1  
Sequence 60, App1  
Sequence 6, App1  
Sequence 29, App1  
Sequence 2, App1  
Sequence 15, App1  
Sequence 2, App1  
Sequence 11, App  
Sequence 131, App  
Sequence 1, App  
Sequence 2, App1  
Sequence 22, App1  
Sequence 2, App1  
Sequence 5767, App  
Sequence 6096, App  
Sequence 36, App1  
Sequence 11, App  
Sequence 1, App1  
Sequence 9, App1  
Sequence 70, App1  
Sequence 29, App1  
Sequence 29, App1  
Sequence 686, App  
Sequence 1361, App  
Sequence 5, App1  
Sequence 17, App1  
Sequence 331, App  
Sequence 17, App1  
Sequence 36, App1  
Sequence 310, App  
Sequence 3, App1  
Sequence 3, App1  
Sequence 13, App1  
Sequence 385, App  
Sequence 359, App  
Sequence 360, App  
Sequence 2114, App  
Sequence 8, App1  
Sequence 17, App1  
Sequence 18, App1  
Sequence 20, App1  
Sequence 20, App1  
Sequence 44, App1  
Sequence 56, App1  
Sequence 13, App1  
Sequence 359, App  
Sequence 360, App

Sequence 2114, App  
Sequence 232, App  
Sequence 286, App  
Sequence 821, App  
Sequence 158, App  
Sequence 3767, App  
Sequence 3, App1  
Sequence 3, App1  
Sequence 4, App1  
Sequence 3, App1  
Sequence 3, App1  
Sequence 22, App1  
Sequence 22, App1  
Sequence 51, App1  
Sequence 251, App  
Sequence 17, App  
Sequence 476, App  
Sequence 534, App  
Sequence 87, App1  
Sequence 251, App

## ALIGNMENTS

RESULT 1  
US-09-443-199C-911  
Sequence 911, Application US/09443199C  
Patent No. 6670464  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A.  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C  
PRIORITY FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/109,024  
NUMBER OF SEQ ID NOS: 1272  
SOFTWARE: Curagen Patent Formatter Version 0.9  
SEQ ID NO 911  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (26)..(0)  
OTHER INFORMATION: 1 of 2 allelic variants (912 is other entry)  
NAME/KEY: misc feature  
LOCATION: (0)..(0)  
OTHER INFORMATION: Accession number CG43971764  
US-09-443-199C-911  
Query Match 4.8%; Score 47.8; DB 1; Length 51;  
Best Local Similarity 96.1%; Pred. NO. 1.5;  
Matches 49; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Oy 847 CCTGGGCTCCCAAGTGTGGATTACAGAGCCACCAAGCCCGGC 897  
Db 1 CCTGAGCTCCCAAGTGTGGATTACAGAGCCACCAAGCCCGGC 51  
RESULT 2  
US-09-443-199C-912  
Sequence 912, Application US/09443199C  
Patent No. 6670464  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A.  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C

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/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: Curagen Patent Formatter Version 0.9
/ SEQ ID NO 912
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 2 of 2 allelic variants (911 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg43971764
US-09-443-199C-912

Query Match
Best Local Similarity 94.1%; Score 46.2; DB 1; Length 51;
Matches 48; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 847 CCGCGCCCTCCCAAGTGTGATTCAGCGCTGAGCCACCGCCGCGC 897
DB 1 CCGACCTCTCCCAAGTGTGATTCAGCGCATGAGCCACCGCCGCGC 51

RESULT 3
US-09-443-199C-913
/ Sequence 913, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
/ FILE REFERENCE: 15966-534A
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: Curagen Patent Formatter Version 0.9
/ SEQ ID NO 913
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-913

Query Match
Best Local Similarity 92.2%; Score 44.6; DB 1; Length 51;
Matches 47; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 177 TTAGTAGAGATGAGTTTCTCCATGTTGTCAGCGCTGCTCGAAGTCCCG 227
DB 1 TTAGTAGAGACGGGGTTTCCATGTTGTCAGCGCTGCTCGAAGTCCCG 51

RESULT 4
US-09-443-199C-1181
/ Sequence 1181, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ APPLICANT: Leach, Martin
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
```

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/ TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
/ FILE REFERENCE: 15966-534A
/ CURRENT APPLICATION NUMBER: US/09/443,199C
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: Curagen Patent Formatter Version 0.9
/ SEQ ID NO 1181
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 1 of 2 allelic variants (1182 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg42475469
US-09-443-199C-1181

Query Match
Best Local Similarity 92.2%; Score 44.6; DB 1; Length 51;
Matches 47; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 355 CTGAGCTCAAGCAGTCCACCTGCTCAGCCTCCCAAGTGTGGATTACA 405
DB 1 CTGACCTCAAGTATCCACCTGCTCAGCCTCCCAAGTGTGGATTACA 51

RESULT 5
US-09-443-199C-914
/ Sequence 914, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ APPLICANT: Leach, Martin
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
/ FILE REFERENCE: 15966-534A
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: Curagen Patent Formatter Version 0.9
/ SEQ ID NO 914
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-914

Query Match
Best Local Similarity 90.2%; Score 43; DB 1; Length 51;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 177 TTAGTAGAGATGAGTTTCTCCATGTTGTCAGCGCTGCTCGAAGTCCCG 227
DB 1 TTAGTAGAGACGGGGTTTCCATGTTGTCAGCGCTGCTCGAAGTCCCG 51

RESULT 6
US-09-443-199C-1182
/ Sequence 1182, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
```

```

; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1182
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (1181 is other entry)
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number CG42475469
; US-09-443-199C-1182

Query Match
Best Local Similarity 4.3%; Score 43; DB 1; Length 51;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 355 CTGACCTCAAGCATCCACCTGCTCCAGCCCTCCCAAGTGTGGATTACA 405
Db 1 CTGACCTCAAGCATCCACCTGCTCCAGCCCTCCCAAGTGTGGATTACA 51

RESULT 7
US-09-513-999C-18997/C
; Sequence 18997, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclet, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 18997
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-513-999C-18997

Query Match
Best Local Similarity 4.2%; Score 42; DB 1; Length 51;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 908 TTTTGTGTTGTTGAATGAAATCTCACTGTGTTACCCAGGCTGGAGTGC 957
Db 50 TTTTGTGTTGTTGAGATGAGTCTCACTGTGTTACCCAGGCTGGAGTGC 1

RESULT 8
US-09-422-978-3767/C
; Sequence 3767, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
```

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; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET, 0200C1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3767
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-11878-212 : polymorphic base C or T
; US-09-422-978-3767

Query Match
Best Local Similarity 4.2%; Score 41.8; DB 1; Length 47;
Matches 43; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 673 GCTCAGTCAAGCTCTGCTCCCGGTTCAAGTATTTCTCTGCCCC 719
Db 47 GCTCAGTCAAGCTCTGCTCCCGGTTCAAGTATTTCTCTGCCCC 1

RESULT 9
US-09-443-199C-671/C
; Sequence 671, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 671
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (672 is other entry)
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number CG42924993
; US-09-443-199C-671

Query Match
Best Local Similarity 4.2%; Score 41.4; DB 1; Length 51;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1071 TTTGTATTTTTCATTAGAGCGGGGTTTCAACATATTTGTCAGGCTGCT 1121
Db 51 TTTGTATTTTTCATTAGAGCGGGGTTTCAACATATTTGTCAGGCTGCT 1

RESULT 10
US-09-443-199C-704/C
; Sequence 704, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
```

APPLICANT: Shimkets, Richard A.  
APPLICANT: Leach, Martin  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C  
CURRENT FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/109,024  
PRIOR FILING DATE: 1998-11-17  
NUMBER OF SEQ ID NOS: 1272  
SOFTWARE: CuraGen Patent Formatter Version 0.9  
SEQ ID NO 704  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (26)...(0)  
OTHER INFORMATION: 2 of 2 allelic variants (703 is other entry)  
NAME/KEY: misc\_feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG43089031  
US-09-443-199C-704

Query Match 4.2%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 5.8;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 853 CCTCCCAAGTCTGGGATTACGGGCTGACGACCAACCGCCGCTTATT 903  
DB 51 CCTCCCAAGTCTGGGATTATAGCGGTAGTACCGCGCTGGCCATT 1

RESULT 11  
US-09-443-199C-1125  
Sequence 1125, Application US/09443199C  
Patent No. 6670464  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A.  
APPLICANT: Leach, Martin  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C  
CURRENT FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/109,024  
PRIOR FILING DATE: 1998-11-17  
NUMBER OF SEQ ID NOS: 1272  
SOFTWARE: CuraGen Patent Formatter Version 0.9  
SEQ ID NO 1125  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (26)...(0)  
OTHER INFORMATION: 1 of 2 allelic variants (1126 is other entry)  
NAME/KEY: misc\_feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG42894694  
US-09-443-199C-1125

Query Match 4.2%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 5.8;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1071 TTTGTATTTCATTAGAGCGGGGTTTCAACATATTTCAGAGCTGCT 1121  
DB 1 TTTGTATTTCATTAGAGCGGGGTTTCAACATATTTCAGAGCTGCT 51

RESULT 12  
US-09-422-978-2999

Sequence 2999, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 2999  
LENGTH: 47  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: allele  
LOCATION: 24  
OTHER INFORMATION: 99-21516-293 : polymorphic base G or T  
US-09-422-978-2999

Query Match 4.1%; Score 40.2; DB 1; Length 47;  
Best Local Similarity 89.4%; Pred. No. 6.6;  
Matches 42; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 839 TCTGCTGCTCTGCGCTCCCAAGTGTGGATTACAGCGGTGAGCC 885  
DB 1 TCGCCTGCTCAGCTCCCAAKTGTAGATTATAGCGGTGAGCC 47

RESULT 13  
US-09-060-023A-1/C  
Sequence 1, Application US/09060023A  
Patent No. 6391642  
GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.  
APPLICANT: Lartionov, Vladimir L.  
APPLICANT: Kouprina, Natalay Y.  
APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
TITLE OF INVENTION: CLONING  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,023A  
FILING DATE: April 14, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478  
FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880

;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 40 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-09-060-023A-1

Query Match 4.0%; Score 40; DB 1; Length 40;  
Best Local Similarity 100.0%; Pred. No. 5.4;  
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 849 TCGGCTCCCAAGTCTGGATTACAGCGGTAGCCACC 888

Db 40 TCGGCTCCCAAGTCTGGATTACAGCGGTAGCCACC 1

RESULT 14

US-09-422-978-2353

Sequence 2353, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 2353

LENGTH: 47

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: allele

LOCATION: 24

OTHER INFORMATION: 99-10573-375 : polymorphic base G or A

US-09-422-978-2353

Query Match 3.9%; Score 38.8; DB 1; Length 47;  
Best Local Similarity 90.9%; Pred. No. 8.9;  
Matches 40; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1006 GATTCCTCTGTCTAGCTCCCAAGCAGCTGGATTACAGGCAC 1049

Db 2 GATTCCTCTGTCTAGCTCCCAAGCAGCTGGATTACAGGCAC 45

RESULT 15

US-09-422-978-1321/C

Sequence 1321, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

;; EARLIER FILING DATE: 1998-04-21  
;; NUMBER OF SEQ ID NOS: 11796  
;; SEQ ID NO 1321

;; LENGTH: 47

;; TYPE: DNA

;; ORGANISM: Homo Sapiens

;; FEATURE:

;; NAME/KEY: allele

;; LOCATION: 24

;; OTHER INFORMATION: 99-22844-211 : polymorphic base A or G

US-09-422-978-1321

Query Match 3.8%; Score 38; DB 1; Length 47;  
Best Local Similarity 95.0%; Pred. No. 11;  
Matches 38; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 673 GCTCACTGCAACTCTGCTCCCGGTTCAAGTATTCTC 712

Db 46 GCTCACTGCAACTCTGCTCCCGGTTCAAGTATTCTC 7

RESULT 16

US-08-767-979-9/C

Sequence 9, Application US/08767979

Patent No. 5945283

GENERAL INFORMATION:

APPLICANT: Kwok, Pui-Yan

APPLICANT: Chen, Xiangning

TITLE OF INVENTION: Method for Nucleic Acid Analysis Using

TITLE OF INVENTION: Fluorescence Resonance Energy Transfer

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howell & Haferkamp, L.C.

STREET: 7733 Forsyth Boulevard, Suite 1400

CITY: St. Louis

STATE: MO

COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/767,979

FILING DATE: 17-DEC-1996

CLASSIFICATION: 455

ATTORNEY/AGENT INFORMATION:

NAME: Holland, Donald R

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 96-5219

TELECOMMUNICATION INFORMATION:

TELEPHONE: 314-727-5188

TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 40 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "D1858 ALLELE G; DNA

DESCRIPTION: SEQUENCE OF A PORTION OF HUMAN D1858 STS CONTAINING GUANIDINE AT

DESCRIPTION: ALLELIC NUCLEOTIDE POSITION 20;"

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-767-979-9

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;  
Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 675 TCATCGAAGCTCTGCTCCCGGTTCAAGTATTCTCTC 714

Db 40 TCACGCAAGCTCTGCTCCCGGGTTCAAGCAATCTCCT 1

RESULT 17  
US-09-295-026-9/c

Sequence 9, Application US/09295026  
Patent No. 6177249

GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan

TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
Fluorescence Resonance Energy Transfer

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Haterkamp, L.C.

STREET: 7733 Foretych Boulevard, Suite 1400  
CITY: St. Louis

STATE: MO  
COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295.026

FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979

FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:

NAME: Holland, Donald R.  
REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:

LENGTH: 40 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 ALLELE G; DNA

HYPOTHETICAL: NO  
ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-295-026-9

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;

Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 TCACGCAAGCTCTGCTCCCGGGTTCAAGTATTCTCCT 714

Db 40 TCACGCAAGCTCTGCTCCCGGGTTCAAGCAATCTCCT 1

RESULT 18  
US-09-060-023A-2/c

Sequence 2, Application US/09060023A  
Patent No. 6391642

GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.

APPLICANT: Larionov, Vladimir L.  
APPLICANT: Kouprina, Natalay Y.

APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
CLONING

NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.

CITY: Atlanta  
STATE: Georgia

COUNTRY: USA  
ZIP: 30303-1811

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,023A  
FILING DATE: April 14, 1998

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478

FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:

NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438

REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:

LENGTH: 40 bases  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-09-060-023A-2

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;

Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 987 CTGCTCCCGGGCTCAAGGATTCCTGTCACGCTCC 1026

Db 40 CCGCTCCCGGGTTCAAGGATTCCTGCTCAGCTCC 1

RESULT 19  
US-08-255-889-10

Sequence 10, Application US/08255889  
Patent No. 5525467

GENERAL INFORMATION:  
APPLICANT: ANAND, RAKESH

TITLE OF INVENTION: AMPLIFICATION METHODS  
NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DARBY & CUSHMAN

STREET: 1615 L STREET, N.W.  
CITY: WASHINGTON, D.C.

STATE:  
COUNTRY: U.S.A.

ZIP: 20036  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5"  
COMPUTER: IBM PC

OPERATING SYSTEM: PC-DOS  
SOFTWARE: ASCII from MPS-DOS

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255.889

FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 9112801.7

FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112795.1

FILING DATE: 13-Jun-1991

APPLICATION NUMBER: 9112797.7  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112799.3  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: US 07/899,067  
FILING DATE: 12-JUN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16773  
REFERENCE/DOCKET NUMBER: 96358/PH.36394/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-255-889-10

Query Match 3.5%; Score 34.2; DB 1; Length 35;  
Best Local Similarity 94.3%; Pred. No. 15;  
Matches 33; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 852 GCCTCCCAAGTGTGGATTACAGCGGTAGGCCA 886  
DB 1 GCCTCCCAAGTGTGGATTACAGGYRTAGGCCA 35

RESULT 20  
US-08-767-979-8/c  
Sequence 8, Application US/08767979  
Patent No. 5945283  
GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
APPLICANT: Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
TITLE OF INVENTION: Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Hafeerkamp, L.C.  
STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/767,979  
FILING DATE: 17-DEC-1996  
CLASSIFICATION: 455  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 40 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /deac = "D18S ALLELE A; DNA  
DESCRIPTION: SEQUENCE OF A PORTION OF HUMAN D18S STS CONTAINING ADENOSINE AT  
DESCRIPTION: ALLELIC NUCLEOTIDE POSITION 20;"

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-767-979-8

Query Match 3.4%; Score 33.6; DB 1; Length 40;  
Best Local Similarity 90.0%; Pred. No. 21;  
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 675 TCACGCAACCTGCTCCCGGTTCAAGTATTTCTCT 714  
DB 40 TCACGCAAGCTCTGCTCTCGGTTCAAGCAATTCCT 1

RESULT 21  
US-09-295-026-8/c  
Sequence 8, Application US/09295026  
Patent No. 6177249  
GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
APPLICANT: Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
TITLE OF INVENTION: Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Hafeerkamp, L.C.  
STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295,026  
FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 40 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /deac = "D18S ALLELE A; DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-295-026-8

Query Match 3.4%; Score 33.6; DB 1; Length 40;  
Best Local Similarity 90.0%; Pred. No. 21;  
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 675 TCACGCAACCTGCTCCCGGTTCAAGTATTTCTCT 714  
DB 40 TCACGCAAGCTCTGCTCTCGGTTCAAGCAATTCCT 1

RESULT 22  
US-08-255-889-11/c

```
/ Sequence 11, Application US/08255889
/ Patent No. 5525467
/ GENERAL INFORMATION:
/ APPLICANT: ANAND, RAKESH
/ TITLE OF INVENTION: AMPLIFICATION METHODS
/ NUMBER OF SEQUENCES: 37
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CUSHMAN DARBY & CUSHMAN
/ STREET: 1615 L STREET, N.W.
/ CITY: WASHINGTON, D.C.
/ STATE:
/ COUNTRY: U.S.A.
/ ZIP: 20036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5"
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: ASCII from WPS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/255,889
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 9112801.7
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112795.1
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112797.7
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112799.3
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: US 07/899,067
/ FILING DATE: 12-JUN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KOKULIS, PAUL N.
/ REGISTRATION NUMBER: 16773
/ REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 861-3000
/ TELEFAX: (202) 822-0944
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 35
/ TYPE: Nucleic acid
/ STRANDEDNESS: Single
/ TOPOLOGY: linear
/ US-08-255-889-11

Query Match 3.2%; Score 31.8; DB 1; Length 35;
Best Local Similarity 77.1%; Pred. No. 25;
Matches 27; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCA 677
DB 35 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCA 1

RESULT 23
US-09-304-232-859
/ Sequence 859, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ CURRENT FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
```

```
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 859
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: TBXA2REX3 599
/ US-09-304-232-859

Query Match 2.8%; Score 27.6; DB 1; Length 29;
Best Local Similarity 96.4%; Pred. No. 47;
Matches 27; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCT 670
DB 1 CCCAGGCTGAGTGCAGTGGCGCAATCT 28

RESULT 24
US-08-070-517-3/C
/ Sequence 3, Application US/08070517
/ Patent No. 553869
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Siciliano
/ APPLICANT: Pu Liu
/ TITLE OF INVENTION: In-Situ Hybridization Probes for
/ TITLE OF INVENTION: Identification and Banding of
/ TITLE OF INVENTION: Specific Human Chromosomes and
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/070,517
/ FILING DATE: 19930601
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barbara S. Kitchell
/ REGISTRATION NUMBER: 33,928
/ REFERENCE/DOCKET NUMBER: UTSC:290/KIT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 320-7200
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 31 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-070-517-3

Query Match 2.8%; Score 27.6; DB 1; Length 31;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 27; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGGCGTGCAGCCACGAGCCGCGC 897
DB 31 GGATTACAGGCGTGCAGCCACGAGCCGCGC 2

RESULT 25
```



```

US-09-304-232-196
; Sequence 196, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 196
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1287
US-09-304-232-196

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      849 TCGGCTCTCCCAAGTCTGGATTACAGG 877
Db      1 TTGGCTCTCCCAAGTCTGGATTACAGG 29

RESULT 26
US-09-304-232-503
; Sequence 503, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 503
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 1005
US-09-304-232-503

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      862 GTGCTGGATTACAGCGGTAGCCACAC 890
Db      1 GTGCTGGATTACAGCGGTAGCCACCG 29

RESULT 27
US-09-304-232-571

```

```

; Sequence 571, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 571
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HSTSCGENE 3838
US-09-304-232-571

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      856 CCCAAGTCTGGATTACAGCGGTAGC 884
Db      1 CCCAAGTCTGGATTACAGCGGTAGC 29

RESULT 28
US-09-304-232-700
; Sequence 700, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 700
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGSEX10 3061
US-09-304-232-700

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      713 CTGCCAGCTCTGAGTAGCTGGACT 741
Db      1 CTGCCAGCTCTGAGTAGCTGGACT 29

RESULT 29
US-09-304-232-705
; Sequence 705, Application US/09304232

```

```
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: PastSeq for Windows Version 3.0
/ SEQ ID NO 705
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3186
US-09-304-232-705

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      836 TGATCTGCGCTGCTGCGCTCCCAAGTG 864
DB      1 TGATCTGCCCGCTGCGCTCCCAAGTG 29

RESULT 30
US-09-304-232-706
/ Sequence 706, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: PastSeq for Windows Version 3.0
/ SEQ ID NO 706
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3214
US-09-304-232-706

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      864 GCTGGATTACAGGCGTGCACCCACGCG 892
DB      1 GCTGGATTACAGGCGTGCACCCACGCG 29

RESULT 31
US-08-454-557C-6/C
/ Sequence 6, Application US/08454557C
/ Patent No. 5830670
```

```
/ GENERAL INFORMATION:
/ APPLICANT: de la Monte, Suzanne
/ APPLICANT: Mandt, Jack R.
/ TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
/ TITLE OF INVENTION: of Alzheimer's Disease
/ NUMBER OF SEQUENCES: 121
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Sterne, Kessler, Goldstein & Fox P.L.L.C.
/ STREET: 1100 New York Avenue, Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: U.S.A.
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/454,557C
/ FILING DATE: 30-MAY-1995
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ludwig, Steven R.
/ REGISTRATION NUMBER: 36, 203
/ REFERENCE/DOCKET NUMBER: 0609.3840003
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 371-2600
/ TELEFAX: (202) 371-2540
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 30 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: both
US-08-454-557C-6

Query Match      2.7%; Score 26.4; DB 1; Length 30;
Best Local Similarity 96.4%; Pred. No. 63;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 TCAAGGATTCTGCTGCTCAGCCTGCC 1027
DB      29 TCAAGGATTCTGCTGCTCAGCCTGCC 2

RESULT 32
US-08-340-426D-6/C
/ Sequence 6, Application US/08340426D
/ Patent No. 5948634
/ GENERAL INFORMATION:
/ APPLICANT: de la Monte, Suzanne
/ APPLICANT: Mandt, Jack R.
/ TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
/ TITLE OF INVENTION: of Alzheimer's Disease
/ NUMBER OF SEQUENCES: 121
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Sterne, Kessler, Goldstein & Fox P.L.L.C.
/ STREET: 1100 New York Avenue, Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: U.S.A.
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/340,426D
/ FILING DATE: 14-NOV-1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
```

NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-340-426D-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCTCAGCCTCCC 2

RESULT 33  
US-08-450-673C-6/c  
Sequence 6, Application US/08450673C  
Patent No. 5948888  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,673C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-450-673C-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1000 TCAAGCATTCCTGCTCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCTCAGCCTCCC 2

RESULT 34  
PCT-US95-17111A-6/c  
Sequence 6, Application PC/TUS9517111A  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neural Thread Protein Gene Expression and  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/17111A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/340,426  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
PCT-US95-17111A-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCTCAGCCTCCC 2

RESULT 35  
US-09-304-232-161/c  
Sequence 161, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 161  
LENGTH: 29

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC1EX1 1411  
US-09-304-232-161

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 690 CCTCCGGGTTCAAGTATTCTCTCC 717  
DB 29 CTTCCGGGTTCAAGTATTCTCTCC 2

RESULT 36  
US-09-304-232-193  
Sequence 193, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 193  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1150  
US-09-304-232-193

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 860 AACTGCTGGATTACAGCGCTGAGCCAC 887  
DB 1 AAGTGCTAGGATTAYAGCGCTGAGCCAC 28

RESULT 37  
US-09-304-232-863  
Sequence 863, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 863  
LENGTH: 29  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: TBXA2REX3 953  
US-09-304-232-863

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCGATTCTCTGCTCAAGCTCC 1027  
DB 2 TCAGCGATTCTCTGCTCAAGCTCC 29

RESULT 38  
US-08-454-557C-5/C  
Sequence 5, Application US/08454557C  
Patent No. 5830670  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/454,557C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36, 203  
REFERENCE/DOCKET NUMBER: 0609.3840003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-454-557C-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTTGCTCCCGGCTCAAGCGAT 1008  
DB 29 GCAACCTCGCTCCCGGCTCAAGCGAT 1

RESULT 39  
US-08-340-426D-5/C  
Sequence 5, Application US/08340426D  
Patent No. 5948634  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
TITLE OF INVENTION: of Alzheimer's Disease

NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/340,426D  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609,3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-340-426D-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1

RESULT 40  
US-08-450-673C-5/c  
Sequence 5, Application US/08450673C  
Patent No. 5948888  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wanda, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
TITLE OF INVENTION: of Alzheimer's Disease  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,673C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609,3840004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-450-673C-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1

RESULT 41  
PCT-US95-17111A-5/c  
Sequence 5, Application PC/TW9517111A  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wanda, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and  
TITLE OF INVENTION: Detection of Alzheimer's Disease  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/17111A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/340,426  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609,3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
PCT-US95-17111A-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTTCGCTCCCGGGCTCAAGCGAT 1

RESULT 42  
US-09-304-232-184/c  
Sequence 184, Application US/09304232

```
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 184
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1931.
US-09-304-232-184
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      675 TCACCTGCAACTCTGCTCCCGGGTTCAA 703
Db      29 TCACCTGCAACTCTCCTCTCCCGGGTTCAA 1
```

```
RESULT 43
US-09-304-232-195
; Sequence 195, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 195
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1281
US-09-304-232-195
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      843 CTTGCTCGGCTTCCCAAGTCTGGGAT 871
Db      1 CCGGCTTGGCTCTCYCAAGTCTGGGAT 29
```

```
RESULT 44
US-09-304-232-217
; Sequence 217, Application US/09304232
; Patent No. 6525185
```

```
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 217
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 931
US-09-304-232-217
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      644 CCAGGCTGAGTGCAGTGGCGCAATCTTG 672
Db      1 CCAGGCTGAGTGCAGTGGCGCAATCTTG 29
```

```
RESULT 45
US-09-304-232-265/C
; Sequence 265, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 265
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: BIR 2954
US-09-304-232-265
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      670 TTGGCTCACTGCAACTCTGCTCCCGGG 698
Db      29 TTGGCTCACTGCAASCTCGCTCTCGGG 1
```

```
RESULT 46
US-09-304-232-699
; Sequence 699, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
```

```
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 699
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3022
US-09-304-232-699
```

```
Query Match      2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      674 CTCACGCAACCTGCTGCTCCCGGGTTCA 702
DB      1 CTCACGCAACCTGCTGCTCCCGGGTTCA 29
```

```
RESULT 47
US-09-304-232-712
/ Sequence 712, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 712
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3651
US-09-304-232-712
```

```
Query Match      2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      869 GATTACAGCGGAGCGACGACGACCGCGC 897
DB      1 GATTACAGCGGAGCGACGACGACCGCGC 29
```

```
RESULT 48
US-09-304-232-845
/ Sequence 845, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
```

```
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 845
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: TBXA2RFX1B 130
US-09-304-232-845
```

```
Query Match      2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1017 CTCAGCCTCCCAAGCAGCTGGGATTACG 1045
DB      1 CTCAGCCTCCCAAGCAGCTGGGATTACG 29
```

```
RESULT 49
US-09-837-149-4
/ Sequence 4, Application US/09837149
/ Patent No. 6448014
/ GENERAL INFORMATION:
/ APPLICANT: Cloyd, Miles W.
/ APPLICANT: Chen, Jianmin
/ APPLICANT: Yeh, Chi-Cheng M.
/ TITLE OF INVENTION: PCR-Hybridization Assays Specific for
/ TITLE OF INVENTION: Integrated Retroviruses
/ FILE REFERENCE: D6285
/ CURRENT APPLICATION NUMBER: US/09/837,149
/ EARLIER FILING DATE: 2001-04-18
/ PRIOR APPLICATION NUMBER: US 60/198,884
/ PRIOR FILING DATE: 2000-04-19
/ NUMBER OF SEQ ID NOS: 4
/ SEQ ID NO 4
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: primer
/ OTHER INFORMATION: primer for the Alu sequence in the human
/ OTHER INFORMATION: chromosomal DNA
US-09-837-149-4
```

```
Query Match      2.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      382 GCCTCCCAAGTGTGGATTACG 406
DB      1 GCCTCCCAAGTGTGGATTACG 25
```

```
RESULT 50
US-09-304-232-185/C
/ Sequence 185, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
```

```

; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated with
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 185
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1975
; US-09-304-232-185

Query Match      2.5%; Score 24.6; DB 1; Length 29;
Best Local Similarity 96.0%; Pred. No. 87;
Matches 24; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      635 CTCTGTCACCCAGCGCTGAGTGCAG 659
DB      25 CTCTGTCACCTAGCTGAGTGCAG 1

RESULT 51
US-08-859-998-66
; Sequence 66, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; NUMBER OF SEQUENCES: 1375
; CLASSIFICATION: 435
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:

```

```

; OTHER INFORMATION: oligonucleotide primer
; US-08-859-998-66

Query Match      2.5%; Score 24.4; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 77;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 AAAGTCTGGAGTTACAGCGGTGAC 884
DB      1 AAAGTCTAGATTACAGCGGTGAC 26

RESULT 52
US-08-859-998-1072
; Sequence 1072, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jekhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1072:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; US-08-859-998-1072

Query Match      2.5%; Score 24.4; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 77;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      650 TGAAGTCAGTGGCGCAATCTTGCT 675
DB      1 TGAAGTCAGTGGCGCAATCTTGCT 26

RESULT 53
US-09-225-928-66
; Sequence 66, Application US/09225928
; Patent No. 6352829

```



GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-225-928-66  
Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 859 AAGTGTGGATTACAGCGTGCAGC 884  
Db 1 AAGTGTGGATTACAGCGTGCAGC 26  
RESULT 54  
US-09-225-928-1072  
Sequence 1072, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1072:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1072:  
US-09-225-928-1072  
Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 650 TGGAGTCAGTGGCGCATCTTGCT 675  
Db 1 TGGAGTCAGTGGCGCATCTTGCT 26  
RESULT 55  
US-09-225-201B-66  
Sequence 66, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-225-201B-66

Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 859 AAGTGTGGATTACAGCGGTGAGC 884  
Db 1 AAGTGTAGATTACAGCGGTGAGC 26

RESULT 56  
US-09-225-201B-1072  
Sequence 1072, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225, 201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859, 998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
TELECOMMUNICATION INFORMATION:  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1072:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1072:  
US-09-225-201B-1072

Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 650 TGGAGTCAGTGGCGCAATCTTGCT 675  
Db 1 TGGAGTCAGTGGCGCAATCTTGCT 26

RESULT 57  
US-09-304-232-194  
Sequence 194, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated with  
Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 194  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1246  
US-09-304-232-194

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1112 AGCTGTCTCAAACTCCTGACCTCAGG 1139  
Db 1 AGCTGTCTTGAAATCTGACCTCAGG 28

RESULT 58  
US-09-304-232-200/C  
Sequence 200, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated with  
Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 200  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1587  
US-09-304-232-200

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1000 TCAAGCATTCCTCTGCTCAGCCTCCC 1027  
DB 29 TCAAGTATTCCTCCGCTCAGCCTCCC 2

RESULT 59  
US-09-304-232-514  
Sequence 514, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 514  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: GLUT4EX11 963  
US-09-304-232-514

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 821 GATCTCGACCTGTGATCGCCGCC 848  
DB 2 GATCTCTGACCTGTGATCGCCGCC 29

RESULT 60  
US-09-304-232-569  
Sequence 569, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 569  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: HSTSCGENE 3710  
US-09-304-232-569

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;

Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1032 AGCTGGATTACGGGACCTGCGACAC 1059  
DB 2 AGCTGGATTACGACGACCTGCATCAC 29

RESULT 61  
US-09-304-232-589/c  
Sequence 589, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 589  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: IAPPEX3 848  
US-09-304-232-589

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 927 GAATTCACCTCTGTTACCGAGCTGAG 954  
DB 28 GAGTCTACCTCTGACCCAGGCTGAG 1

RESULT 62  
US-09-304-232-707  
Sequence 707, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 707  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PGISEX10 3217  
US-09-304-232-707

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGGTGAGCCACGCGCC 894  
|||||  
Db 1 GGGATTACAGGTGTTRAGCCACCGCGCC 28

RESULT 63  
US-09-304-232-78/c  
; Sequence 78, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 78  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: AELIEX20 1628  
US-09-304-232-78

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 670 TTGGCTCACTGCAACCTCTGCTCCGCGG 698  
|||||  
Db 29 TTGGCTCACTGCAACCTCTGCTCCGCGG 1

RESULT 64  
US-09-304-232-156  
; Sequence 156, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 156  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOCIEX1 1020  
US-09-304-232-156

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1073 TTGATTTTCATTAGAGCGGCGTTTCAC 1101  
|||||  
Db 1 TTGATTTTCATTAGAGCGGTTTCAC 29

RESULT 65  
US-09-304-232-507  
; Sequence 507, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 507  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 872  
US-09-304-232-507

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 1034 CTGGAGTTACGGGCACTGCGCACACACC 1062  
|||||  
Db 1 CTGGAGTTACGGGCACTGCGCACACACC 29

RESULT 66  
US-09-304-232-686/c  
; Sequence 686, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 686  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 1505  
US-09-304-232-686

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 177 TTAGTAGAGATGAGTTTCTCCATGTTGG 205

Db 29 TTAGTAGAGACGGGRTTTCGCCCATGTTGG 1

RESULT 67  
US-09-304-232-702  
; Sequence 702, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 702  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISX10 3082  
US-09-304-232-702

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 1034 CTGGGATTACGGGACCTGCCACACAC 1062  
Db 1 CTGGACTACAGCGCRCCGCCACACAC 29

RESULT 68  
US-09-304-232-860  
; Sequence 860, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 860  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 701  
US-09-304-232-860

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 876 GCGGTAGCCACACGCGCGCTTATTT 904  
Db 1 GCGGTAGCCACACGCGCGCTTATTT 904

Db 1 GCGCGCGCACCAACGCGGCTATTTT 29

RESULT 69  
US-09-304-232-861  
; Sequence 861, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 861  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 904  
US-09-304-232-861

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 650 TGAGTGACGTGGCGCAATCTTGACTCAC 678  
Db 1 TGAGTACAGTGGCRCAATCTCGGCTCAC 29

RESULT 70  
US-09-304-232-862  
; Sequence 862, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 862  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 906  
US-09-304-232-862

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 652 GAGTCAGTGCGGCATCTTGCTCACTG 680  
Db 1 GAGTACAGTGGCACATCTCGGCTCACTG 29

RESULT 71  
US-09-108-006C-25/C  
Sequence 25, Application US/09108006C  
Patent No. 6524613  
GENERAL INFORMATION:  
APPLICANT: Steer, Clifford J.  
Kren, Betsy T.  
Bandyopadhyay, Paramita  
Roy-Chowdhury, Jayanta  
TITLE OF INVENTION: Hepatocellular Chimeraplasty  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kimeragen, Inc.  
STREET: 300 Pheasant Run  
CITY: Newtown  
STATE: PA  
COUNTRY: USA  
ZIP: 18940  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/108,006C  
FILING DATE: 30-Jun-1992  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/054,288  
FILING DATE: 30-APR-1997  
APPLICATION NUMBER: 60/054,837  
FILING DATE: 05-AUG-1997  
APPLICATION NUMBER: 60/064,996  
FILING DATE: 10-NOV-1997  
APPLICATION NUMBER: 60/074,497  
FILING DATE: 12-FEB-1998  
APPLICATION NUMBER: PCT US 98/08834  
FILING DATE: 30-APR-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Friebe, Thomas  
REGISTRATION NUMBER: 29258  
REFERENCE/DOCKET NUMBER: 7991-015-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-504-4444  
TELEFAX: 215-504-4545  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-09-108-006C-25  
Query Match 2.4%; Score 23.4; DB 1; Length 25;  
Best Local Similarity 96.0%; Pred. No. 90;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1113 GGCTGGTCAACTCTGACCTCA 1137  
DB 25 GGCTGGTCAACTCTGACCTTA 1  
RESULT 72  
US-09-632-657-25  
Sequence 25, Application US/09632657  
Patent No. 6730476  
GENERAL INFORMATION:  
APPLICANT: DUFF, GORDON

APPLICANT: KORNMAN, KENNETH  
APPLICANT: VAN DIJK, SIMON  
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR EARLY-ONSET MENOPAUSE  
FILE REFERENCE: MSA-012.01  
CURRENT APPLICATION NUMBER: US/09/632,657  
CURRENT FILING DATE: 2000-08-04  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 25  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-632-657-25  
Query Match 2.4%; Score 23.4; DB 1; Length 25;  
Best Local Similarity 96.0%; Pred. No. 90;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 867 GGGATTACAGGGGTGAGCCACG 891  
DB 1 GGGATTACAGGGGTGAGCCACCG 25  
RESULT 73  
US-09-687-637B-18/C  
Sequence 18, Application US/09687637B  
Patent No. 6610285  
GENERAL INFORMATION:  
APPLICANT: Hirata, Yutshi  
TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION  
FILE REFERENCE: 06501-067001  
CURRENT APPLICATION NUMBER: US/09/687,637B  
CURRENT FILING DATE: 2000-10-13  
PRIOR APPLICATION NUMBER: PCT/JP99/01997  
PRIOR FILING DATE: 1999-04-14  
PRIOR APPLICATION NUMBER: JP 10/121805  
PRIOR FILING DATE: 1998-04-14  
NUMBER OF SEQ ID NOS: 46  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 18  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Artificially synthesized primer sequence  
US-09-687-637B-18  
Query Match 2.4%; Score 23.4; DB 1; Length 27;  
Best Local Similarity 96.0%; Pred. No. 1e+02;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 537 CCTGCTCAGCCTCCCAAGTACTG 561  
DB 27 CCTGCTCAGCCTCCCAAGCACTG 3  
RESULT 74  
US-09-304-232-210/C  
Sequence 210, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affimetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
TITLE OF INVENTION: Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232

;; CURRENT FILING DATE: 1999-05-03  
;; EARLIER APPLICATION NUMBER: US 60/084,641  
;; EARLIER FILING DATE: 1998-05-07  
;; NUMBER OF SEQ ID NOS: 909  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 210  
;; LENGTH: 29  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: APOC4 2366  
US-09-304-232-210

Query Match 2.4%; Score 23.4; DB 1; Length 29;  
Best Local Similarity 88.9%; Pred. No. 1.1e+02;  
Matches 24; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 721 GCCTCTGAGTACTGGACTACAGGC 747  
Db 29 GCCTCCGAGTAGCGGAGATTACAGGC 3

RESULT 75  
US-09-387-300-27  
;; Sequence 27, Application US/09387300  
;; Patent No. 6358685  
;; GENERAL INFORMATION:  
;; APPLICANT: Wetmur, James G  
;; APPLICANT: Quattrin, Robin S  
;; TITLE OF INVENTION: Branch Migration of Nucleotides  
;; FILE REFERENCE: ENZ-49(P)(C)SEQUENCES  
;; CURRENT APPLICATION NUMBER: US/09/387,300  
;; CURRENT FILING DATE: 1999-06-31  
;; EARLIER APPLICATION NUMBER: 08/480,000  
;; EARLIER FILING DATE: 1995-06-07  
;; NUMBER OF SEQ ID NOS: 39  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 27  
;; LENGTH: 26  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: PALA-D-G3  
US-09-387-300-27

Query Match 2.3%; Score 22.8; DB 1; Length 26;  
Best Local Similarity 92.3%; Pred. No. 1.1e+02;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACTCGCCCTC 993  
Db 1 TCTGGCTCACTGCAACTCGCCCTC 26

RESULT 76  
US-08-635-820A-1  
;; Sequence 1, Application US/08635820A  
;; Patent No. 5817462  
;; GENERAL INFORMATION:  
;; APPLICANT: YUVAL GARINI ET AL.  
;; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR  
;; NUMBER OF SEQUENCES: 3  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Mark W. Friedman c/o Robert Sheinbein  
;; STREET: 2940 Birchtree Lane  
;; CITY: Silver Spring  
;; STATE: Maryland  
;; COUNTRY: United States of America  
;; ZIP: 20906  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk

;; COMPUTER: Twinhead\* Slimnote-890TX  
;; OPERATING SYSTEM: MS DOS version 6.2,  
;; OPERATING SYSTEM: Windows version 3.11  
;; SOFTWARE: Word for Windows version 2.0  
;; SOFTWARE: converted to ASCII  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/635,820A  
;; FILING DATE: 22-Apr-1996  
;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/107,673  
;; FILING DATE: 18-Aug-93  
;; APPLICATION NUMBER: 08/392,019  
;; FILING DATE: 21-Feb-95  
;; APPLICATION NUMBER: 08/571,047  
;; FILING DATE: 12-Dec-95  
;; APPLICATION NUMBER: 08/575,191  
;; FILING DATE: 20-Dec-95

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Friedmam, Mark M.  
;; REGISTRATION NUMBER: 33,883  
;; REFERENCE/DOCKET NUMBER: 205/15  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 972-3-5625553  
;; TELEFAX: 972-3-5625554  
;; TELEX:

;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 22  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-635-820A-1

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGATTACAG 406  
Db 1 TCCCAAGTCTGGGATTACAG 22

RESULT 77  
US-08-291-074-2  
;; Sequence 2, Application US/08291074  
;; Patent No. 5959171  
;; GENERAL INFORMATION:

;; APPLICANT: Hyttinen, Juhani-Matti  
;; APPLICANT: Korhonen, Veli-Pekka  
;; APPLICANT: Janne, Juhani  
;; TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF  
;; TITLE OF INVENTION: BIOLOGICALLY ACTIVE POLYPEPTIDES IN A MAMMAL'S MILK AS  
;; TITLE OF INVENTION: FUSION PROTEINS THAT ARE LESS ACTIVE THAN THE FREE  
;; TITLE OF INVENTION: POLYPEPTIDES, OR NON-ACTIVE  
;; NUMBER OF SEQUENCES: 6  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Adduct, Maestriani, Schaumburg & Schill  
;; STREET: 1140 Connecticut Avenue, N.W.  
;; CITY: Washington  
;; STATE: DC  
;; COUNTRY: U.S.A.

;; ZIP: 20036  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/291,074  
;; FILING DATE: 17-AUG-1994  
;; CLASSIFICATION: 800  
;; ATTORNEY/AGENT INFORMATION:

NAME: Kubovcik, Ronald J.  
REGISTRATION NUMBER: 25,401  
REFERENCE/DOCKET NUMBER: TUR-017  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-467-6300  
TELEFAX: 202-466-2006  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-074-2

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 480 GTGCAGTGTGTGATCAGCT 501  
DB 1 GTGCAGTGTGTGATCAGCT 22

RESULT 78  
US-09-100-104-1  
Sequence 1, Application US/09100104  
Patent No. 6066459  
GENERAL INFORMATION:  
APPLICANT: YUVAL GARINI ET AL.  
TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE  
TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND  
TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark W. Friedman c/o Anthony Castorina  
STREET: 20001 Jefferson Davis Highway, Suite 207  
CITY: Arlington  
STATE: Virginia  
COUNTRY: United States of America  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead Slimote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: Word for Windows version 2.0  
SOFTWARE: converted to ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/100,104  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/107,673  
FILING DATE: 18-Aug-93  
APPLICATION NUMBER: 08/392,019  
FILING DATE: 21-Feb-95  
APPLICATION NUMBER: 08/571,047  
FILING DATE: 12-Dec-95  
APPLICATION NUMBER: 08/575,191  
FILING DATE: 20-Dec-95  
APPLICATION NUMBER: 08/635,820  
FILING DATE: 22-Apr-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedmam, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 205/15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-5625553  
TELEFAX: 972-3-5625554  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-100-104-1

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGATTCAG 406  
DB 1 TCCCAAGTGTGATTCAG 22

RESULT 79  
US-09-578-656A-5/c  
Sequence 5, Application US/09578656A  
Patent No. 6245963  
GENERAL INFORMATION:  
APPLICANT: Li, Hung  
APPLICANT: Hsieh-Li, Hsiu-Mei  
APPLICANT: Chang, Jan-Gowth  
APPLICANT: Jong, Yuh-Yuh  
APPLICANT: Wu, Wei-Hsiang  
APPLICANT: Tsai, Chang-Hai  
TITLE OF INVENTION: A Knockout-Transgenic Mouse Model of Spinal Muscular Atrophy  
FILE REFERENCE: 4910-3  
CURRENT APPLICATION NUMBER: US/09/578,656A  
PRIOR FILING DATE: 2000-05-25  
PRIOR FILING DATE: 1999-05-28  
NUMBER OF SEQ ID NOS: 15  
SEQ ID NO 5  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-09-578-656A-5

Query Match 2.2%; Score 22; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 202 TTGTCAGGCTGCTCGACT 223  
DB 23 TTGTCAGGCTGCTCGACT 2

RESULT 80  
US-08-849-701-11/c  
Sequence 11, Application US/08849701  
Patent No. 5922544  
GENERAL INFORMATION:  
APPLICANT: Miyai, Kiyoshi  
APPLICANT: Naitoh, Tsutomu  
APPLICANT: Yonekawa, Toshihiro  
TITLE OF INVENTION: Method of Cell Detection  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobb, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,701



FILING DATE: 435  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: PCT/JP95/02734  
APPLICATION NUMBER: 27-DEC-1995  
FILING DATE: 27-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-849-701-11

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 382 GCCTCCCAAGTGTGGATTAC 404  
Db 23 GCCTCCCAAGTGTGGATTAC 1

RESULT 81  
US-08-781-891-30/c  
Sequence 30, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,891  
FILING DATE: 27-DEC-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6090620tenburg Ph.D., Carol  
REGISTRATION NUMBER: 39,317  
REFERENCE/DOCKET NUMBER: 240052.419  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGTGTGGATTACA 405  
Db 23 CCTCCCAAGTGTGGATTACA 1

RESULT 82  
US-09-618-166-30/c  
Sequence 30, Application US/09618166  
Patent No. 6583112  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/618,166  
FILING DATE: 17-Jul-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.419C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
US-09-618-166-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGTGTGGATTACA 405  
Db 23 CCTCCCAAGTGTGGATTACA 1

RESULT 83  
US-08-859-998-1216  
Sequence 1216, Application US/08859998  
Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johndaze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL

TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGGCGTGAGCCACGCGC 892  
DB 1 GGGATTACAGGCGTGAGTAACGCGC 26

RESULT 84  
US-09-225-928-1216  
Sequence 1216, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilaashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928

FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-09-225-928-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGGCGTGAGCCACGCGC 892  
DB 1 GGGATTACAGGCGTGAGTAACGCGC 26

RESULT 85  
US-09-225-201B-1216  
Sequence 1216, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilaashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1216  
US-09-225-201B-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCTGAGCCACGACGC 892  
DB 1 GGGATTACAGCGTGTGAGTAACGACGC 26

RESULT 86  
US-08-133-629-2/c  
Sequence 2, Application US/08133629  
Patent No. 5597694  
GENERAL INFORMATION:  
APPLICANT: Munroe, David J.  
APPLICANT: Houseman, David E.  
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.  
STREET: 600 Atlantic Avenue  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 02210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,629  
FILING DATE: 07-OCT-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Greer, Helen  
REGISTRATION NUMBER: 36,816  
REFERENCE/DOCKET NUMBER: M0828/7001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-720-3500  
TELEFAX: 617-720-2441  
TELEX: 92-1742 EZEKIEL  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-133-629-2

Query Match 2.1%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCACTC 987  
DB 21 ATCTGGCTCACTGCACTC 1

RESULT 87  
US-09-366-840-1/c  
Sequence 1, Application US/09366840  
Patent No. 6228345  
GENERAL INFORMATION:

APPLICANT: Ososowski, Lillian  
TITLE OF INVENTION: In Vivo Assay for Intravasation  
FILE REFERENCE: A32590 70165.0550  
CURRENT APPLICATION NUMBER: US/09/366,840  
CURRENT FILING DATE: 1999-08-04  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 1  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Human  
US-09-366-840-1

Query Match 2.1%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 390 AAGTGTGGATTACAGGCT 410  
DB 21 AAGTGTGGATTACAGGCT 1

RESULT 88  
US-09-060-023A-3/c  
Sequence 3, Application US/09060023A  
Patent No. 6391642  
GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.  
APPLICANT: Larionov, Vladimir L.  
APPLICANT: Koudrina, Natalay Y.  
APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
TITLE OF INVENTION: CLONING  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,023A  
FILING DATE: April 14, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478  
FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-9880  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-060-023A-3

Query Match 2.1%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.4e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 TCACTGCACTCTGCTCCGCGG 698

Db 24 TCACGCAAGCTCCGCTCCGGG 1

RESULT 89  
US-09-657-472-503

; Sequence 503, Application US/09657472  
; Patent No. 6727063  
; GENERAL INFORMATION:  
; APPLICANT: Lander, Eric S.  
; APPLICANT: Gargill, Michele  
; APPLICANT: Ireland, James S.  
; APPLICANT: Bolik, Stacey  
; APPLICANT: Daley, George O.  
; APPLICANT: McCarthy, Jeanette J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
; FILE REFERENCE: 2825.1027-001  
; CURRENT APPLICATION NUMBER: US/09/657,472  
; CURRENT FILING DATE: 2000-09-07  
; PRIOR APPLICATION NUMBER: US 60/153,357  
; PRIOR FILING DATE: 1999-09-10  
; PRIOR APPLICATION NUMBER: US 60/220,947  
; PRIOR FILING DATE: 2000-07-26  
; PRIOR APPLICATION NUMBER: US 60/225,724  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 2551  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 503  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-657-472-503

Query Match 2.1%; Score 20.6; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.3e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGCTCGGATTA 403  
Db 1 CCTCCCAAGCTCGGATTA 21

RESULT 90  
US-09-526-193A-275/c  
; Sequence 275, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; TITLE OF INVENTION: CHOLESTEROL LEVELS  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 275  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-275

Query Match 2.1%; Score 20.4; DB 1; Length 22;  
Best Local Similarity 95.5%; Pred. No. 1.4e+02;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 533 TCCTCTGCTCAGCTCCCAA 554  
Db 22 TTCCTCTGCTCAGCTCCCAA 1

RESULT 91  
US-08-837-201C-25  
; Sequence 25, Application US/08837201C  
; Patent No. 5985558  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
; APPLICANT: Miraglia; Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053

COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/837,201C  
; FILING DATE: April 14, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0209  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 810-1515  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-837-201C-25

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 843 CCTGCTGCGCTCCCAAG 862  
Db 1 CCTGCTGCGCTCCCAAG 20

RESULT 92  
US-09-280-805-242/c  
; Sequence 242, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia; Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-242

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTTGTTACCCAGGCTGGAGTG 956  
DB 20 CTGTTACCCAGGCTGGAGTG 1

RESULT 93  
US-09-280-805-266/C  
Sequence 266, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 266:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-266

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTGGGA 870  
DB 20 GGCCTCCCAAGTCTGGGA 1

RESULT 94  
US-09-280-805-267/C  
Sequence 267, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 267:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-267

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTGTGGATTACAG 407  
|||  
DB 20 CAAAGTGTGGATTACAG 1

RESULT 95  
US-09-364-416-25  
; Sequence 25, Application US/09364416  
; Patent No. 6312900  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
; APPLICANT: Miraglia; Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/364,416  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/837,201  
; FILING DATE: April 14, 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0209  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 810-1515  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-364-416-25

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCTCCCAAG 862  
|||  
DB 1 CCTGCTCGGCTCCCAAG 20

RESULT 96  
US-09-488-856A-62  
; Sequence 62, Application US/09488856A  
; Patent No. 6316259  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
; FILE REFERENCE: RTS-0115  
; CURRENT APPLICATION NUMBER: US/09/488,856A  
; CURRENT FILING DATE: 2000-01-21

; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 62  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-856A-62

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGGATTAC 404  
|||  
DB 1 TCCCAAGTGTGGATTAC 20

RESULT 97  
US-09-705-299-17/c  
; Sequence 17, Application US/09705299  
; Patent No. 6440737  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE F  
; FILE REFERENCE: RTS-0174  
; CURRENT APPLICATION NUMBER: US/09/705,299  
; CURRENT FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-705-299-17

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 381 AGCTCCCAAGTGTGGA 400  
|||  
DB 20 AGCTCCCAAGTGTGGA 1

RESULT 98  
US-09-780-173A-18/c  
; Sequence 18, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-18

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGTGAGTGTGCG 664

Db 20 CAGCTGAGTGCAGTGGCG 1

RESULT 99  
US-09-733-294A-82  
Sequence 82, Application US/09733294A  
Patent No. 6492171  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freier  
APPLICANT: Edward V. Wancewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527  
CURRENT APPLICATION NUMBER: US/09/733, 294A  
CURRENT FILING DATE: 2000-12-07  
PRIOR APPLICATION NUMBER: 09/572,423  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 108  
SEQ ID NO 82  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-82

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 863 TGCTGGATTACAGCGCTGA 882  
Db 1 TGCTGGATTACAGCGCTGA 20

RESULT 100  
US-09-060-299-78  
Sequence 78, Application US/09060299  
Patent No. 6545137  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hess, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Gleebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060, 299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-78

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1112 AGGCTGGTCTCAAACTCCTG 1131  
Db 1 AGGCTGGTCTCAAACTCCTG 20

RESULT 101  
US-09-402-923A-78  
Sequence 78, Application US/09402923A  
Patent No. 655654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hess, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 655654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 655654th Gleebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402, 923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:

```
/
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 20 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-402-923A-78

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1112 AGCGTGTCTCAACTCTCG 1131
Db      1 AGCGTGTCTCAACTCTCG 20

RESULT 102
US-09-418-804-1/c
; Sequence 1, Application US/0941804A
; Patent No. 6562959
; GENERAL INFORMATION:
; APPLICANT: CHERIF, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/09/418,804A
; EARLIER FILING DATE: 1999-10-15
; EARLIER APPLICATION NUMBER: FR 96/12957
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-09-418-804-1

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643 CCAGGCTGAGTGAGTG 662
Db      20 CCAGGCTGAGTGAGTG 1

RESULT 103
US-09-679-299A-70
; Sequence 70, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: VICKIE L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-70

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      387 CCAAGTCTGGATTACAG 406
Db      1 CCAAGTCTGGATTACAG 20

RESULT 104
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: VICKIE L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-73

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      211 CTGCTCTCGAACTCCGACC 230
Db      1 CTGCTCTCGAACTCCGACC 20

RESULT 105
US-09-679-299A-74
; Sequence 74, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: VICKIE L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-74

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      202 TTGTCAGGCTGCTCGAA 221
Db      1 TTGTCAGGCTGCTCGAA 20

RESULT 106
US-08-753-147-28/c
; Sequence 28, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
```



NUMBER OF SEQUENCES: 196  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Christensen O'Connor Johnson and Kindness  
STREET: 1420 5th Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98101-2347  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/753,147  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sheinberg, Diana K.  
REGISTRATION NUMBER: 35,356  
REFERENCE/DOCKET NUMBER: VMRC-1-9714  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 743-4387  
TELEFAX: (206) 224 0779  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-753-147-28

Query Match 2.0%; Score 20; DB 1; Length 21;  
Best local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTGCAGTGG 662  
DB 21 CCCAGCTGAGTGCAGTGG 2

RESULT 107  
US-09-018-584A-96/c  
Sequence 96, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
APPLICANT: Bachter, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
TITLE OF INVENTION: REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 96:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24  
TYPE: Nucleic Acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-018-584A-96

Query Match 2.0%; Score 19.8; DB 1; Length 24;  
Best local Similarity 91.3%; Pred. No. 1.8e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 TGTACCCAGCTGAGTGCAGT 660  
DB 23 TATCACCAGCTGAGTGCAGT 1

RESULT 108  
US-09-784-423-96/c  
Sequence 96, Application US/09784423  
Patent No. 6767703  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
APPLICANT: Bachter, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 96  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24  
TYPE: Nucleic Acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 96  
US-09-784-423-96

Query Match 2.0%; Score 19.8; DB 1; Length 24;  
Best local Similarity 91.3%; Pred. No. 1.8e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
OY      638 TGTCAACCGAGCTGAGTCACAGT 660
      |||||
      23 TATCAACCGAGCTGAGTCACAGT 1

RESULT 109
US-08-670-479-11
; Sequence 11, Application US/08670479
; Patent No. 5973133
; GENERAL INFORMATION:
; APPLICANT: Hardy, John A.
; APPLICANT: Goate, Alison M.
; TITLE OF INVENTION: MUTANT S182 GENES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,479
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,500
; FILING DATE: 18-JUL-1996
; APPLICATION NUMBER: 60/001,800
; FILING DATE: 02-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: P50361
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-670-479-11

Query Match      1.9%; Score 19.2; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 18; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY      868 GGATTACAGCGGTGAGCCAC 887
      |||||
      1 GGATTACAGCGGTGAGCCAC 20

RESULT 110
US-09-345-217-10
; Sequence 10, Application US/09345217
; Patent No. 6268142
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON W.
; APPLICANT: COX, ANGELA

OY      868 GGATTACAGCGGTGAGCCAC 891
      |||||
      1 GGATTACAGCGGTGAGCCAC 24

RESULT 111
US-09-404-912-13
; Sequence 13, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; PRIOR FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912-13

Query Match      1.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      870 ATTACAGCGGTGAGCCACCGCC 893
      |||||
      1 ATTAAAGCGGTGAGCCACCATGCC 24

RESULT 112
US-09-845-129-10
; Sequence 10, Application US/09845129
; Patent No. 6706478
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON W.
; APPLICANT: COX, ANGELA
; APPLICANT: CAMP, NICOLA J.
```

APPLICANT: DIGIOVINE, FRANCESCO S.  
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED  
WITH AN IL-1 INFLAMMATORY HAPLOTYPE  
FILE REFERENCE: MSA-010.02  
CURRENT APPLICATION NUMBER: US/09/845,129  
CURRENT FILING DATE: 2001-04-27  
PRIOR APPLICATION NUMBER: 09/345,217  
PRIOR FILING DATE: 1999-06-30  
PRIOR APPLICATION NUMBER: PCT/GB98/01481  
PRIOR FILING DATE: 1998-05-21  
PRIOR APPLICATION NUMBER: 9711040.7  
PRIOR FILING DATE: 1997-05-29  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-845-129-10

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 868 GGATTACAGGGCTGAGCCACGACG 891  
Db 1 GGATTACAGGGCTGAGCCACGCGC 24

RESULT 113  
US-08-629-939-10  
Sequence 10, Application US/0862939  
Patent No. 564595  
GENERAL INFORMATION:  
APPLICANT: Kieback, Dirk G.  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED  
RISK OF BREAST OR OVARIAN CANCER  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MIOM, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W., Suite 800  
CITY: Washington, D.C.  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/629,939  
FILING DATE: 12-APRIL-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kit, Gordon  
REGISTRATION NUMBER: 30,764  
REFERENCE/DOCKET NUMBER: A-6612  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 293-7060  
TELEFAX: (202) 293-7060  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
US-08-629-939-10

Query Match 1.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 AAAGTGTGGATTACAGG 407  
Db 1 AAAGTGTGGATTACAGG 19

RESULT 114  
US-08-759-873-10  
Sequence 10, Application US/08759873  
Patent No. 5683885  
GENERAL INFORMATION:  
APPLICANT: Kieback, Dirk G.  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED RISK  
OF BREAST OR OVARIAN CANCER  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MIOM, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W., Suite 800  
CITY: Washington, D.C.  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/759,873  
FILING DATE: 12-APRIL-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kit, Gordon  
REGISTRATION NUMBER: 30,764  
REFERENCE/DOCKET NUMBER: A-6612  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 293-7060  
TELEFAX: (202) 293-7060  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
US-08-759-873-10

Query Match 1.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 AAAGTGTGGATTACAGG 407  
Db 1 AAAGTGTGGATTACAGG 19

RESULT 115  
US-09-280-805-243/C  
Sequence 243, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street

CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 243:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-243

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 644 CCAGCTGAGTGCAGTGG 662  
DB 20 CCAGCTGAGTGCAGTGG 2

RESULT 116  
US-09-280-805-250/C  
Sequence 250, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-250

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCTGCTCAGCTCCCA 554  
DB 20 TCTGCTCAGCTCCCA 2

RESULT 117  
US-09-487-445-94/C  
Sequence 94, Application US/09487445  
Patent No. 6258600  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
FILE REFERENCE: RTS-0107  
CURRENT APPLICATION NUMBER: US/09/487,445  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 94  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-445-94

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCGTGAAGTGCAGTGGC 664  
DB 20 AGCGTGAAGTGCAGTGGC 2

RESULT 118  
US-09-898-361-95  
Sequence 95, Application US/09898361  
Patent No. 6503152  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: RTS-0158  
CURRENT APPLICATION NUMBER: US/09/898,361  
CURRENT FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 163  
SEQ ID NO 95  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTCAGCTCCCAAGTAC 559  
|||||  
Db 2 CCTCAGCTCCCAAGTAC 20

## RESULT 119

US-09-060-299-286  
Sequence 286, Application US/09060299

Patent No. 6545137

GENERAL INFORMATION:

APPLICANT: Todd, John A

APPLICANT: Hees, John W

APPLICANT: Caskey, Charles T

APPLICANT: Cox, Roger D

APPLICANT: Gerhold, David

APPLICANT: Hammond, Holly

APPLICANT: Hey, Patricia

APPLICANT: Kawauchi, Yoshiniko

APPLICANT: Merriman, Tony R

APPLICANT: Metzker, Michael L

TITLE OF INVENTION: No. 6545137el Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,299

FILING DATE: 15-APR-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-35

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 286:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-060-299-286

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCACT 686  
|||||  
Db 2 TCTTGCTCACTGCACT 20

RESULT 120  
US-09-402-923A-286  
Sequence 286, Application US/09402923A

Patent No. 6555654

GENERAL INFORMATION:

APPLICANT: Todd, John A

APPLICANT: Hees, John W

APPLICANT: Caskey, Charles T

APPLICANT: Cox, Roger D

APPLICANT: Gerhold, David

APPLICANT: Hammond, Holly

APPLICANT: Hey, Patricia

APPLICANT: Kawauchi, Yoshiniko

APPLICANT: Merriman, Tony R

APPLICANT: Metzker, Michael L

TITLE OF INVENTION: No. 6555654el LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6555654th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-81

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 286:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-402-923A-286

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCACT 686  
|||||  
Db 2 TCTTGCTCACTGCACT 20

## RESULT 121

US-09-574-779B-30

Sequence 30, Application US/09574779B

Patent No. 6767720

GENERAL INFORMATION:

APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE

TITLE OF INVENTION: No. 6767720el cDNA encoding catenin-binding proteins with

FUNCTION: Function in signalling and/or gene regulation

FILE REFERENCE: 2676-4415US

CURRENT APPLICATION NUMBER: US/09/574,779B

CURRENT FILING DATE: 2000-05-19

PRIOR APPLICATION NUMBER: 99201543.8

PRIOR FILING DATE: 1999-05-17  
NUMBER OF SEQ ID NOS: 158  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer FVR510F  
US-09-574-779B-30

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 864 GCTGGATTACAGCGCTGA 882  
Db 1 GCTGGATTACAGCGCTGA 19

## RESULT 122

US-08-874-186-11  
Sequence 11, Application US/08874186  
Patent No. 5989885  
GENERAL INFORMATION:  
APPLICANT: Teng, David H-F.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Perry III, William L.  
APPLICANT: Stolzick, Mark H.  
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE  
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/874,186  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/782,482  
FILING DATE: 10-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Saxe, Stephen A.  
REGISTRATION NUMBER: 38,609  
REFERENCE/DOCKET NUMBER: 24884-121392-01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4848  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Primer for STS."  
US-08-874-186-11

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 176 TTATAGATGATGAGTTTCTC 197  
Db 1 TTATAGATGATGAGTTTCTC 22

## RESULT 123

US-08-781-891-11  
Sequence 11, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Pu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
TITLE OF INVENTION: WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,891  
FILING DATE: 27-DEC-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6090620tendurg Ph.D., Carol  
REGISTRATION NUMBER: 39,317  
REFERENCE/DOCKET NUMBER: 240052.419  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-11

Query Match 1.9%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 479 AGTGCAGTGTGTGATCAGC 500  
Db 1 AGTGCAGTGTGTGATCAGC 22

## RESULT 124

US-09-918-686-90/c  
Sequence 90, Application US/09918686  
Patent No. 6475739  
GENERAL INFORMATION:  
APPLICANT: Brunkow, Mary  
APPLICANT: Proll, Sean  
APPLICANT: Paepfer, Bryan  
APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
TITLE OF INVENTION: GENOMIC DELETIONS  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105

```

? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 90
? LENGTH: 22
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: PCR primer
? US-09-918-686-90

```

Query Match	1.9%	Score 18.8;	DB 1;	Length 22;
Nearest Local Similarity	90.9%	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

```

QY      532 ATCCTCTGCTCAGCCTCCA 553
          |||||
Db      22 ATTCTCTTGCTCAGCCTCCA 1

```

RESULT 125  
US-09-918-686-94/c  
; Sequence 94, Application US/09918686  
; Patent No. 6475739

```

1  APPLICANT: Brunkow, Mary
2  APPLICANT: Proll, Sean
3  APPLICANT: Paepert, Bryan
4  APPLICANT: Staehling-Hampton, Karen
5  TITLE OF INVENTION: METHODS FOR IDENTIFYING
6  TITLE OF INVENTION: GENOMIC DELETIONS
7  FILE REFERENCE: 240083.515
8  CURRENT APPLICATION NUMBER: US/09/918,686
9  CURRENT FILING DATE: 2001-07-30
10 NUMBER OF SEQ ID NOS: 105
11 SOFTWARE: FastSeq for Windows Version 4.0
12 SEQ ID NO: 94
13 LENGTH: 22
14 TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 OTHER INFORMATION: PCR primer
18 US-09-918-686-94

```

Query Match	1.9%	Score 18.8;	DB 1;	Length 22;
Best Local Similarity	90.9%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

OY	532 ATCTCTGCGCTCAGCCCTCCA	553
Db	22 ATTCTTGTGGCTCAGCCCTCCA	1

RESULT 126  
US-09-618-166-11  
; Sequence 11, Application US/09618166  
; Patent No. 6583112  
; GENERAL INFORMATION:  
; APPLICANT: Fu, Ying-Hui

1 Yu, Chang-En  
2 Oshima, Junko  
3 Mulligan, John T.  
4 Schelleberg, Gerald D.  
5 TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
6 WERNER'S SYNDROME  
7  
8 NUMBER OF SEQUENCES: 209

CONTACT ADDRESSES: Seed Intellectual Property Law Group  
 STREET: 701 Fifth Avenue, Suite 6300  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98104-7092  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/618,166  
FILING DATE: 17-Jul-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.419CL  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900

```

? TELEFAX: (206) 682-6031
? INFORMATION FOR SEQ ID NO: 11:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 22 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? SEQUENCE DESCRIPTION: SEQ ID NO: 11:
?
US-03-618-166-11

```

Query Match	1.9%	Score 18.8	DB 1	Length 22
Best Local Similarity	90.9%	Pred. No. 1.9e+02		
Matches 20; Conservative	0	Mismatches 2	Indels 0	Gaps 0

```

QY      479 AGTGCAGTGGTGTGATCAGC 500
          |||||
Db      1 AGTGCAGTGGTGTGATCAGC 22

```

RESULT 127  
US-09-526-193A-274/C  
: Sequence 274, Application US/09526193A

```

/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
/ TITLE OF INVENTION: CHOLESTEROL LEVELS
/ FILE REFERENCE: 50110/002005
/ CURRENT APPLICATION NUMBER: US/09/526, 193A

```

```

1  CURRENT FILING DATE: 2000-03-15
2  PRIOR APPLICATION NUMBER: 60/1124, 702
3  PRIOR FILING DATE: 1999-03-15
4  PRIOR APPLICATION NUMBER: 60/138, 048
5  PRIOR FILING DATE: 1999-06-08
6  PRIOR APPLICATION NUMBER: 60/139, 600
7  PRIOR FILING DATE: 1999-06-17
8  PRIOR APPLICATION NUMBER: 60/151, 977
9  PRIOR FILING DATE: 1999-09-01
10 NUMBER OF SEQ. ID NOS: 287
11 SOFTWARE: FastSeq for Windows Version 4.0
12 SEQ. ID NO 274

```

```

; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-274

```

Query Match	1.9%	Score 18.8;	DB 1;	Length 22;
Best Local Similarity	90.9%	Pred. No. 1.9e+02;		
Matches 20; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

```

QY      533 TCCTCCTGCCTCAGCCTCCCAA 554
          |||||
Db      22 TTCTCCTGCCTTAGCCTCCCAA 1

```

RESULT 128  
US-09-922-445-42/C  
; Sequence 42, Application US/09922445

Gaps 0;

Gaps 0

Patent No. 6528268  
GENERAL INFORMATION:  
APPLICANT: Anderson, Maria K.  
APPLICANT: Berglund, Lars G. T.  
APPLICANT: Berglund, Rickard H.  
APPLICANT: Adam, Gail I. R.  
TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE  
FILE REFERENCE: GGI26US  
CURRENT APPLICATION NUMBER: US/09/922,445  
CURRENT FILING DATE: 2001-08-03  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 42  
LENGTH: 23  
TYPE: DNA  
ORGANISM: synthetic  
US-09-922-445-42

Query Match: 1.9%; Score 18.8; DB 1; Length 23;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCGCTAATTTTGTATT 1079  
DB 22 ACACCCGCTGATTTTGTATT 1

RESULT 129  
US-09-454-495-9  
Sequence 9, Application US/09454495  
Patent No. 6576759  
GENERAL INFORMATION:  
APPLICANT: Reddy, Gurucharan  
APPLICANT: Zeng, Hong  
APPLICANT: Vallerga, Anne  
APPLICANT: Zatlins, David A.  
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51  
FILE REFERENCE: A-67649-1/RMS/DAV/JJD  
CURRENT APPLICATION NUMBER: US/09/454,495  
CURRENT FILING DATE: 1999-12-06  
PRIOR APPLICATION NUMBER: 60/119,578  
PRIOR FILING DATE: 1999-02-10  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.  
US-09-454-495-9

Query Match: 1.9%; Score 18.8; DB 1; Length 23;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 GATCGCTGCGCTGCGCTGCC 858  
DB 2 GATCGCTGCGCTGCGCTGCC 23

RESULT 130  
US-08-222-177A-341  
Sequence 341, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
(dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sata, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865,601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 341:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd107p1  
US-08-222-177A-341

Query Match: 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 386 CCCAAGTCTGGGATTACA 405  
DB 1 CCCAAGTCTGGGATTACA 20

RESULT 131  
US-08-222-177A-351/C  
Sequence 351, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
(dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:



NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 351:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: med110p2  
US-08-222-177A-351

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 577 ACCACTACCTGGCTAATT 596  
DB 20 ACCACACACCTGGCTAATT 1

RESULT 132  
US-08-588-821-70  
Sequence 70, Application US/08588821  
Patent No. 5712097  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/588,821  
FILING DATE: 19-JAN-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-588-821-70

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404

DB 1 TCCCAAGTCTGGATTTC 20

RESULT 133  
US-08-605-089-43/C  
Sequence 43, Application US/08605089  
Patent No. 571926  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyonori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahito SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/JP95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-43

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 GCCCTCGAGTACTGGAC 740  
DB 20 GCCCTCGAGTACTGGAC 1

RESULT 134  
US-08-915-214-70  
Sequence 70, Application US/08915214  
Patent No. 5814457  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/915,214  
FILING DATE: 20-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/588,821  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-915-214-70

Query Match  
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;  
Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTTC 20

RESULT 135  
US-08-849-701-12  
Sequence 12, Application US/08849701  
Patent No. 5922544  
GENERAL INFORMATION:  
APPLICANT: Miyai, Kiyoshi  
APPLICANT: Naitoh, Tadamu  
APPLICANT: Yonekawa, Toshihiro  
TITLE OF INVENTION: Method of Cell Detection  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,701  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/02734  
FILING DATE: 27-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-849-701-12

Query Match  
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;  
Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1007 ATTCTCTGTCAGCCTCC 1026  
DB 1 ATTCTCTGTCAGCCTCC 20

RESULT 136  
US-09-005-532-70  
Sequence 70, Application US/09005532  
Patent No. 5955292  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,532  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/588,821  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-532-70

Query Match  
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;  
Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTTC 20

RESULT 137  
US-09-289-267-164  
Sequence 164, Application US/09289267A  
Patent No. 6046320  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MDKX EXPRESSION  
FILE REFERENCE: RTS-0049  
CURRENT APPLICATION NUMBER: US/09/289,267A  
CURRENT FILING DATE: 1999-04-04  
NUMBER OF SEQ ID NOS: 166  
SEQ ID NO 164  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-164

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 648 GCTGAGTGCAGTGGCGCAA 667  
Db 1 GCTGAGTGCAGTGGCTCAA 20

RESULT 138  
US-09-435-296-80/c  
Sequence 80, Application US/09435296  
Patent No. 6171860  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
FILE REFERENCE: RTS-0116  
CURRENT APPLICATION NUMBER: US/09/435,296  
CURRENT FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 80  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-435-296-80

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 843 CTTGCTCGGCTCCCAAG 862  
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 139  
US-09-435-296-81/c  
Sequence 81, Application US/09435296  
Patent No. 6171860  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
FILE REFERENCE: RTS-0116  
CURRENT APPLICATION NUMBER: US/09/435,296  
CURRENT FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 81  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-435-296-81

Query Match 1.9%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 392 GTGCTGGATTACAGCGTG 411  
Db 20 GTACTGGATTACAGCGTG 1

RESULT 140  
US-09-280-805-246/c  
Sequence 246, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 246:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-246

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 668 TCTTGCTCACTGCACCTC 687  
Db 20 TCTTGCTCACTGCACCTC 1

RESULT 141  
US-09-280-805-268/c  
Sequence 268, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:

Query Match 1.9%; Score 18.4; DB 1; Length 20;

ADDRESSER: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 268:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-268

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCCGACCCAC 887  
DB 20 GGATTACAGCGCATGACCCAC 1

RESULT 142  
US-09-286-959B-12/C  
Sequence 12, Application US/09286959B  
Patent No. 6300131  
GENERAL INFORMATION:  
APPLICANT: Johns Hopkins University  
APPLICANT: Greider, Carol W.  
APPLICANT: Le, Siyuan  
TITLE OF INVENTION: TELOMERASE-ASSOCIATED PROTEINS  
FILE REFERENCE: 07265/157001  
CURRENT APPLICATION NUMBER: US/09/286,959B  
CURRENT FILING DATE: 1999-04-06  
PRIOR APPLICATION NUMBER: 60/080,783  
PRIOR FILING DATE: 1998-04-06  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 12  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-286-959B-12

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 730 GTAGCTGGAGCTACAGCGCC 749  
|||||

DB 20 GTAGCTGGAGCTACAGCGAC 1

RESULT 143  
US-09-467-642-68/C  
Sequence 68, Application US/09467642  
Patent No. 6300132  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 68  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-68

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 735 TGGGACTACAGCGCCGCCAC 754  
DB 20 TGGGACTACAGCGCCGCCC 1

RESULT 144  
US-09-467-642-73/C  
Sequence 73, Application US/09467642  
Patent No. 6300132  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 73  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TCCTGGATTACAGCGCTGA 882  
DB 20 TCCTGGATTACAGCGCTGA 1

RESULT 145  
US-09-488-856A-71/C  
Sequence 71, Application US/09488856A  
Patent No. 6316259  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Robert McKay  
APPLICANT: Madeline M. Butler  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
FILE REFERENCE: RTS-0115  
CURRENT APPLICATION NUMBER: US/09/488,856A

```
/ CURRENT FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 71
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-71

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 968 TCTGGGCTCACTGCAACCTC 987
Db 20 TCTGGGCTCACTGCAACCTC 1

RESULT 146
US-09-488-856A-73/C
/ Sequence 73, Application US/09488856A
/ Patent No. 6316259
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Robert McKay
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXT
/ FILE REFERENCE: RTS-0115
/ CURRENT APPLICATION NUMBER: US/09/488, 856A
/ CURRENT FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 863 TGCTGGATTACAGCGCTGA 882
Db 20 TGCTGGATTACAGCGCTGA 1

RESULT 147
US-09-662-250A-76
/ Sequence 76, Application US/09662250A
/ Patent No. 6368856
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
/ FILE REFERENCE: RTS-0129
/ CURRENT APPLICATION NUMBER: US/09/662, 250A
/ CURRENT FILING DATE: 2000-09-14
/ NUMBER OF SEQ ID NOS: 102
/ SEQ ID NO 76
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-76

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 636 TCTGTCACTCCAGCTGGACT 655
Db 1 TCTGTCACTCCAGCTGGACT 20

RESULT 148
US-09-844-634-44/C
/ Sequence 44, Application US/09844634
/ Patent No. 6410324
/ GENERAL INFORMATION:
/ APPLICANT: Andrew T. Watt
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
/ FILE REFERENCE: RTS-0216
/ CURRENT APPLICATION NUMBER: US/09/844, 634
/ CURRENT FILING DATE: 2001-04-27
/ NUMBER OF SEQ ID NOS: 174
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-44

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 546 GCCTCCCACTAGCTGGAC 565
Db 20 GCCTCCCACTAGCTGGAC 1

RESULT 149
US-09-607-529-3/C
/ Sequence 3, Application US/09607529
/ Patent No. 6465247
/ GENERAL INFORMATION:
/ APPLICANT: David Traver
/ APPLICANT: Koichi Akashi
/ TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
/ TITLE OF INVENTION: SUBSETS
/ FILE REFERENCE: STAN-126
/ CURRENT APPLICATION NUMBER: US/09/607, 529
/ CURRENT FILING DATE: 2000-06-29
/ PRIOR APPLICATION NUMBER: 60/141,421
/ PRIOR FILING DATE: 1999-06-29
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-607-529-3

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 391 AGTCTGGATTACAGCGT 410
Db 20 AGTCTGGATTACAGCGAT 1

RESULT 150
US-09-657-346A-24/C
/ Sequence 24, Application US/09657346A
/ Patent No. 6503754
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
```

```

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-24

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      538 CTGCCTCAGCCTCCCAAGTA 557
DB      20 CTGCCTCAGCCTCCCAAGTA 1

RESULT 151
US-09-657-346A-33
; Sequence 33, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-33

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      968 TCTGGCTCACTGCAACCTC 987
DB      1 TCTGGCTCACTGCAACCTC 20

RESULT 152
US-09-920-759-87
; Sequence 87, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-87
```

```

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      665 CAATCTTGCTCACTGCAAC 684
DB      1 CAATCTTGCTCACTGCAAC 20

RESULT 153
US-09-060-299-257/C
; Sequence 257, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; APPLICATION DATA:
; PRIOR APPLICATION DATA:
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-257

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      391 AGTGCTGGATTACAGCGT 410
DB      20 AGTGCTGGATTACAGCGT 1

RESULT 154
```

US-09-060-299-296  
; Sequence 296, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshiniko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 296:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-060-299-296

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTACGTGCAACCTCTGCT 692  
DB 1 GTTCACTGCAACCTCTGCT 20

RESULT 155  
US-09-402-923A-257/C  
; Sequence 257, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia

Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J. Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 257:  
US-09-402-923A-257

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGTGGATTACAGGCGT 410  
DB 20 AGTGTGGATTACAGGCGAT 1

RESULT 156  
US-09-402-923A-296  
; Sequence 296, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshiniko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington

```
/ STATE: Virginia
/ COUNTRY: US
/ ZIP: VA 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/402,923A
/ FILING DATE: 14-Feb-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB98/01102
/ FILING DATE: 15-APR-1998
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
/ APPLICATION NUMBER: US 60/048,740
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: B.J.Sadoff
/ REGISTRATION NUMBER: 36,663
/ REFERENCE/DOCKET NUMBER: 620-81
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4091
/ TELEFAX: (703)816-4100
/ INFORMATION FOR SEQ ID NO: 296:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-09-402-923A-296

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTCAGTCAACCTCGCCT 692
DB 1 GTTCACTGCAACCTCTGCT 20

RESULT 157
/ US-09-679-299A-76
/ Sequence 76, Application US/09679299A
/ Patent No. 6566135
/ GENERAL INFORMATION:
/ APPLICANT: Vickie L. Brown-Driver
/ APPLICANT: Hong Zhang
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
/ FILE REFERENCE: RFS-0187
/ CURRENT APPLICATION NUMBER: US/09/679,299A
/ CURRENT FILING DATE: 2000-10-04
/ NUMBER OF SEQ ID NOS: 164
/ SEQ ID NO 76
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-76

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCCAAGTAGCTGGGA 564
DB 1 AGCCTTCAGAGTAGCTGGGA 20
```

```
RESULT 158
/ US-09-956-279-3/c
/ Sequence 3, Application US/09956279
/ Patent No. 6761883
/ GENERAL INFORMATION:
/ APPLICANT: Weissman, Irving L.
/ APPLICANT: Traver, David Jeffrey
/ APPLICANT: Akashi, Koichi
/ TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
/ TITLE OF INVENTION: SUBSETS
/ FILE REFERENCE: STAN126CIP
/ CURRENT APPLICATION NUMBER: US/09/956,279
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: 09/607,529
/ PRIOR FILING DATE: 2000-06-29
/ PRIOR APPLICATION NUMBER: 60/141,421
/ PRIOR FILING DATE: 1999-06-29
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-956-279-3

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGCTGGAGTTACAGGCT 410
DB 20 AGTGCTGGAGTTACAGGCT 1

RESULT 159
/ US-08-133-629-3/c
/ Sequence 3, Application US/08133629
/ Patent No. 5597694
/ GENERAL INFORMATION:
/ APPLICANT: Munroe, David J.
/ APPLICANT: Housman, David E.
/ TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Wolf, Greenfield & Sacke, P.C.
/ STREET: 600 Atlantic Avenue
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: United States of America
/ ZIP: 02210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/133,629
/ FILING DATE: 07-OCT-1993
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Greer, Helen
/ REGISTRATION NUMBER: 36,816
/ REFERENCE/DOCKET NUMBER: M0828/7001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-720-3500
/ TELEFAX: 617-720-2441
/ TELEX: 92-1742 EZEKIEL
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
```



US-08-133-629-3

Query Match 1.9%; Score 18.4; DB 1; Length 21;

Best Local Similarity 95.0%; Pred. No. 1.9e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 493 ATCAGAGCTCAGTGCAGCT 512

Db 21 ATCAGAGCTCAGTGCAGCT 2

RESULT 160

US-08-632-575B-31/c

Sequence 31, Application US/08632575B

Patent No. 5843660

GENERAL INFORMATION:

APPLICANT: Schumm, James W.

TITLE OF INVENTION: Multiple Amplification of

TITLE OF INVENTION: Short Tandem Repeat Loci

NUMBER OF SEQUENCES: 61

CORRESPONDENCE ADDRESS:

ADDRESSEE: Promega Corporation

STREET: 2800 Woods Hollow Road

CITY: Madison

STATE: Wisconsin

COUNTRY: U.S.A.

ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb

COMPUTER: IBM compatible PC

OPERATING SYSTEM: DOS, version 6.0

SOFTWARE: Wordperfect 5.1 (DOS text format)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/632,575B

FILING DATE: 04/15/96

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/316,544

FILING DATE: 09/30/94

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 23

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

POSITION IN GENOME:

MAP POSITION: D22S683

US-08-632-575B-31

Query Match 1.9%; Score 18.4; DB 1; Length 23;

Best Local Similarity 95.0%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 667 ATCTTGCTCAGTGCAGCT 686

Db 23 ATCTTGCTCAGTGCAGCT 4

RESULT 161

US-09-199-542B-31/c

Sequence 31, Application US/09199542B

Patent No. 6479235

GENERAL INFORMATION:

APPLICANT: Schumm, James W.

TITLE OF INVENTION: Multiple Amplification of

TITLE OF INVENTION: Short Tandem Repeat Loci

NUMBER OF SEQUENCES: 61

CORRESPONDENCE ADDRESS:

ADDRESSEE: Promega Corporation

STREET: 2800 Woods Hollow Road

CITY: Madison

STATE: Wisconsin

COUNTRY: U.S.A.

ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb

COMPUTER: IBM compatible PC

OPERATING SYSTEM: DOS, version 6.0

SOFTWARE: Wordperfect 5.1 (DOS text format)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/632,575B

FILING DATE: 04/15/96

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/316,544

FILING DATE: 09/30/94

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 23

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

POSITION IN GENOME:

MAP POSITION: D22S683

US-08-632-575B-31

NUMBER OF SEQ ID NOS: 110

SOFTWARE: Word97 (converted to DOS text format)

SEQ ID NO 31

LENGTH: 23

TYPE: DNA

ORGANISM: Homo sapien

LOCATION: D22S683

US-09-199-542B-31

QY 667 ATCTTGCTCAGTGCAGCT 686

Db 23 ATCTTGCTCAGTGCAGCT 4

RESULT 162

US-08-070-517-1

Sequence 1, Application US/08070517

Patent No. 553869

GENERAL INFORMATION:

APPLICANT: Michael J. Siciliano

TITLE OF INVENTION: In-situ Hybridization Probes for

TITLE OF INVENTION: Identification and Banding of

TITLE OF INVENTION: Specific Human Chromosomes and

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White &amp; Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/070,517

FILING DATE: 19930601

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barbara S. Kitchell

REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSC:290/KIT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 320-7200

TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: Linear

US-08-070-517-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 1.8e+02;

Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACGAGGTGAGCCA 886

Db 1 GGATTACGAGGTGAGCCA 19

RESULT 163

US-08-070-517-2/c

Sequence 2, Application US/08070517

```
/ Patent No. 5538869
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Siciliano
/ APPLICANT: Pu Liu
/ TITLE OF INVENTION: In-situ Hybridization Probes for
/ TITLE OF INVENTION: Identification and Banding of
/ TITLE OF INVENTION: Specific Human Chromosomes and
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/070,517
/ FILING DATE: 19930601
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barbara S. Kitchell
/ REGISTRATION NUMBER: 33,928
/ REFERENCE/DOCKET NUMBER: UTSC:290/KIT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 320-7200
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-070-517-2

Query Match          1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.8e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      645 CAGCTGAGTGCAGTGC 663
DB      19 CAGCTGAGTGCATGCGY 1

RESULT 164
US-08-118-441-1
/ Sequence 1, Application US/08118441
/ Patent No. 5578493
/ GENERAL INFORMATION:
/ APPLICANT: Gilliam, T. Conrad
/ APPLICANT: Tanzi, Rudolph E.
/ TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
/ TITLE OF INVENTION: GENE
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham
/ STREET: 30 Rockefeller Plaza
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States of America
/ ZIP: 10112
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/118,441
```

```
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 0575/44011
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-118-441-1

Query Match          1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.8e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      868 GGATTACAGCGCTGAGCCA 886
DB      1 GGATTACAGGYGTAGGCCA 19

RESULT 165
US-08-118-441-2/c
/ Sequence 2, Application US/08118441
/ Patent No. 5578493
/ GENERAL INFORMATION:
/ APPLICANT: Gilliam, T. Conrad
/ APPLICANT: Tanzi, Rudolph E.
/ TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
/ TITLE OF INVENTION: GENE
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham
/ STREET: 30 Rockefeller Plaza
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States of America
/ ZIP: 10112
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/118,441
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 0575/44011
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-118-441-2
```

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGC 663  
|||||  
Db 19 CAGCTGAGTGCAGTGC 1

RESULT 166  
US-08-422-699A-13  
; Sequence 13, Application US/08422699A  
; Patent No. 5955265  
; GENERAL INFORMATION:  
; APPLICANT: Brook, J. David  
; APPLICANT: Houseman, David B.  
; APPLICANT: Shaw, Duncan J.  
; APPLICANT: Harley, Helen G.  
; APPLICANT: Johnson, Keith J.  
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: US  
; ZIP: 02713  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,699A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/422,706  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/023,612  
; FILING DATE: 26-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/839,255  
; FILING DATE: 20-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01545  
; FILING DATE: 19-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/00253  
; FILING DATE: 05-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB9202485.0  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: MIT-5830A2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-861-9540  
; TELEFAX: 617-861-6240  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-422-699A-13

Query Match 1.8%; Score 18.2; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGGCTGAGCCA 886  
|||||  
Db 1 GGATTACAGGCTGAGCCA 19

RESULT 167  
US-08-422-699A-14/c  
; Sequence 14, Application US/08422699A  
; Patent No. 5955265  
; GENERAL INFORMATION:  
; APPLICANT: Brook, J. David  
; APPLICANT: Houseman, David B.  
; APPLICANT: Shaw, Duncan J.  
; APPLICANT: Harley, Helen G.  
; APPLICANT: Johnson, Keith J.  
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: US  
; ZIP: 02713  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,699A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/422,706  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/023,612  
; FILING DATE: 26-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/839,255  
; FILING DATE: 20-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01545  
; FILING DATE: 19-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/00253  
; FILING DATE: 05-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB9202485.0  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: MIT-5830A2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-861-9540  
; TELEFAX: 617-861-6240  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-422-699A-14

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;

Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
QY 645 CAGGCTGAGTGCAGTGGC 663  
Db 19 CAGGCTGAGTGCAGTGGY 1

RESULT 168  
US-08-422-706B-13  
Sequence 13, Application US/08422706B  
Patent No. 597733  
GENERAL INFORMATION:  
APPLICANT: Brook, J. David  
APPLICANT: Housman, David E.  
APPLICANT: Shaw, Duncan J.  
APPLICANT: Harley, Helen G.  
APPLICANT: Johnson, Keith J.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02713  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/422,706B  
FILING DATE: 14-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/284,543  
FILING DATE: 08-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/023,612  
FILING DATE: 26-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/839,255  
FILING DATE: 20-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01545  
FILING DATE: 19-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00253  
FILING DATE: 05-FEB-1993  
PRIOR APPLICATION DATA: GB9202485.0  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: MIT-5830A2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-861-6240  
TELEFAX: 617-861-9540  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-422-706B-13

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGCCA 886  
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 169  
US-08-422-706B-14/C  
Sequence 14, Application US/08422706B  
Patent No. 597733  
GENERAL INFORMATION:  
APPLICANT: Brook, J. David  
APPLICANT: Housman, David E.  
APPLICANT: Shaw, Duncan J.  
APPLICANT: Harley, Helen G.  
APPLICANT: Johnson, Keith J.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02713  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/422,706B  
FILING DATE: 14-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/284,543  
FILING DATE: 08-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/023,612  
FILING DATE: 26-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/839,255  
FILING DATE: 20-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01545  
FILING DATE: 19-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00253  
FILING DATE: 05-FEB-1993  
PRIOR APPLICATION DATA: GB9202485.0  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: MIT-5830A2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-861-6240  
TELEFAX: 617-861-9540  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-422-706B-14

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGGC 663  
DB 19 CAGCTGAGTGCAGTGGY 1

## RESULT 170

US-08-338-579A-1  
; Sequence 1, Application US/08338579A  
; Patent No. 6068975  
; GENERAL INFORMATION:  
; APPLICANT: Gilliam, T. Conrad  
; APPLICANT: Tanzi, Rudolph E.  
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
; NUMBER OF SEQUENCES: 107  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States of America  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/338,579A  
; FILING DATE: June 17, 1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 278-0400  
; TELEFAX: (212) 391-0525  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
US-08-338-579A-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACGGCGTGAAGCA 886  
DB 1 GGATTACGGCGTGAAGCA 19

RESULT 171  
US-08-338-579A-2/c  
; Sequence 2, Application US/08338579A  
; Patent No. 6068975  
; GENERAL INFORMATION:  
; APPLICANT: Gilliam, T. Conrad  
; APPLICANT: Tanzi, Rudolph E.  
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
; NUMBER OF SEQUENCES: 107  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

COUNTRY: United States of America  
ZIP: 10036

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/338,579A  
; FILING DATE: June 17, 1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 278-0400  
; TELEFAX: (212) 391-0525  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
US-08-338-579A-2

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGGC 663  
DB 19 CAGCTGAGTGCAGTGGY 1

RESULT 172  
US-09-078-294-1  
; Sequence 1, Application US/09078294  
; Patent No. 6265211  
; GENERAL INFORMATION:  
; APPLICANT: Choo, Kong-Hong Andy  
; APPLICANT: Du Sart, Desiree  
; APPLICANT: Cancilla, Michael R.  
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE  
; TITLE REFERENCE: Davies Col  
; CURRENT APPLICATION NUMBER: US/09/078,294  
; CURRENT FILING DATE: 1998-05-13  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: DNA primer  
US-09-078-294-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACGGCGTGAAGCA 886  
DB 1 GGATTACGGCGTGAAGCA 19

RESULT 173  
PCT-US94-09851-1  
; Sequence 1, Application PC/TUS9409851  
; GENERAL INFORMATION:  
; APPLICANT: Gilliam, T. Conrad  
; APPLICANT: Tanzi, Rudolph E.

TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF INVENTION: DISEASE GENE  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09851  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UI  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
PCT-US94-09851-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGCGGTGAGCCA 886  
DB 1 GGATTACAGGYRAGACCA 19

RESULT 174  
PCT-US94-09851-2/c  
Sequence 2, Application PC/TUS9409851  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF INVENTION: DISEASE GENE  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09851  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.

REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UI  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
PCT-US94-09851-2

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGGCTGGAGTGCAGTGC 663  
DB 19 CAGGCTGGAGTGCAGTGC 1

RESULT 175  
US-09-156-253-30/c  
Sequence 30, Application US/09156253C  
Patent No. 6001652  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: Antisense Modulation of CREL Expression  
FILE REFERENCE: RTS-0010  
CURRENT APPLICATION NUMBER: US/09/156,253C  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 30  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-156-253-30

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTGGCTGGATTACA 405  
DB 18 CAAAGTGGCTGGATTACA 1

RESULT 176  
US-08-859-167-7  
Sequence 7, Application US/08859167  
Patent No. 6037461  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
NUMBER OF INVENTION: OF MAKING THE SAME  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Mashburn, Kurtz, Mackiewicz & No. 6037461r18  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA

ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,167  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-859-167-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 208 AGGCTGGTCTCGAACTCC 225  
Db 1 AGGCTGGTCTCGAACTCC 18

RESULT 177  
US-08-859-167-9  
Sequence 9, Application US/08859167  
Patent No. 6037461  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emed S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,167  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-859-167-9

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 851 GGCTCCCAAGTGTGG 868  
Db 1 GGCTCCCAAGTGTGG 18

RESULT 178  
US-09-109-273-7  
Sequence 7, Application US/09109273  
Patent No. 6063760  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emed S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/109,273  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-109-273-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 208 AGGCTGGTCTCGAACTCC 225  
Db 1 AGGCTGGTCTCGAACTCC 18

RESULT 179  
US-09-109-273-9  
Sequence 9, Application US/09109273  
Patent No. 6063760

```

; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/109,273
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,167
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-109-273-9

Query Match 1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGGCTGG 868
DB 1 GGCCTCCCAAGGCTGG 18

RESULT 180
US-09-276-993-7
; Sequence 7, Application US/09276993
; Patent No. 6207801
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801r1s
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/276,993
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,167
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-276-993-7
```

```

; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/276,993
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,167
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-276-993-7

Query Match 1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 AGCTGCTCGACTCC 225
DB 1 AGCTGCTCGACTCC 18

RESULT 181
US-09-276-993-9
; Sequence 9, Application US/09276993
; Patent No. 6207801
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801r1s
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/276,993
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,167
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-276-993-7
```



TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-276-993-9

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCTCCCAAGTCTGG 868  
DB 1 GGCTCCCAAGTCTGG 18

RESULT 182  
US-09-723-450-7  
Sequence 7, Application US/09723450  
Patent No. 6576751  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emdad S.  
TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At  
FILE REFERENCE: TJU2445  
CURRENT APPLICATION NUMBER: US/09/723,450  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 09/276,993  
PRIOR FILING DATE: 1999-03-26  
PRIOR APPLICATION NUMBER: 08/859,167  
PRIOR FILING DATE: 1997-05-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: No. 6576751el Sequence  
US-09-723-450-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 AGGCTGCTCTGAACTCC 225  
DB 1 AGGCTGCTCTGAACTCC 18

RESULT 183  
US-09-723-450-9  
Sequence 9, Application US/09723450  
Patent No. 6576751  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emdad S.  
TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At  
FILE REFERENCE: TJU2445  
CURRENT APPLICATION NUMBER: US/09/723,450  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 09/276,993  
PRIOR FILING DATE: 1999-03-26  
PRIOR APPLICATION NUMBER: 08/859,167  
PRIOR FILING DATE: 1997-05-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 9  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature

OTHER INFORMATION: No. 6576751el Sequence  
US-09-723-450-9

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCTCCCAAGTCTGG 868  
DB 1 GGCTCCCAAGTCTGG 18

RESULT 184  
US-09-467-642-64/c  
Sequence 64, Application US/09467642  
Patent No. 6300132  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF TETRAOMIC REPEAT BINDING FACTOR 2 EXPRE  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 64  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-64

Query Match 1.8%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 647 GGCTGAGTGCATGCGG 664  
DB 20 GGCTGAGTGCATGCGG 3

RESULT 185  
US-10-172-911-80  
Sequence 80, Application US/10172911  
Patent No. 6743909  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION  
FILE REFERENCE: PTS-0016  
CURRENT APPLICATION NUMBER: US/10/172,911  
CURRENT FILING DATE: 2002-06-17  
NUMBER OF SEQ ID NOS: 123  
SEQ ID NO 80  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-172-911-80

Query Match 1.8%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGT 660  
DB 3 CCCAGGCTGAGTGCAGT 20

RESULT 186  
US-09-009-913-61/c  
Sequence 61, Application US/09009913

```
/ Patent No. 6087485
/ GENERAL INFORMATION:
/ APPLICANT: Axy's Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Asthma Related Genes
/ NUMBER OF SEQUENCES: 339
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Bozicevic & Reed, LLP
/ STREET: 285 Hamilton Ave, Suite 200
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94301
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/009,913
/ FILING DATE: 21-JAN-1998
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sherwood, Pamela J
/ REGISTRATION NUMBER: 36,677
/ REFERENCE/DOCKET NUMBER: SEQ-4P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-327-3231
/ TELEFAX: 650-327-3231
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-009-913-61

Query Match      1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2.1e+02;
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      187 TGGAGTTCTCCATGTTGGT 206
Db      21 TGGGTTTCTCATGTTGGT 2

RESULT 187
US-09-357-740-7
/ Sequence 7, Application US/09357740
/ Patent No. 6348596
/ GENERAL INFORMATION:
/ APPLICANT: Lee, Linda G.
/ APPLICANT: Graham, Ronald J.
/ APPLICANT: Mullah, Khairuzzaman B.
/ APPLICANT: Haxo, Francis T.
/ TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
/ FILE REFERENCE: 9584-007
/ CURRENT APPLICATION NUMBER: US/09/357,740
/ CURRENT FILING DATE: 1999-07-20
/ EARLIER APPLICATION NUMBER: 09/012,525
/ EARLIER FILING DATE: 1998-01-23
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 7
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-357-740-7
```

```
Query Match      1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      369 TTCACCTGCTCAGCTC 386
Db      4 TCCACTGCTCAGCTC 21

RESULT 188
US-09-097-199-87
/ Sequence 87, Application US/09097199
/ Patent No. 6218529
/ GENERAL INFORMATION:
/ APPLICANT: An, Gang
/ APPLICANT: O'Hara, S. Mark
/ APPLICANT: Ralph, David
/ APPLICANT: Veltl, Robert
/ TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
/ TITLE OF INVENTION: PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
/ NUMBER OF SEQUENCES: 87
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/097,199
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/692,787
/ FILING DATE: 31-JUL-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Nakashima, Richard A.
/ REGISTRATION NUMBER: P-42,023
/ REFERENCE/DOCKET NUMBER: UROC:018
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 418-3000
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 87:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-097-199-87

Query Match      1.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      383 CCTCCCAAGTCTGGGA 400
Db      5 CCTCCCAAGTCTGGGA 22

RESULT 189
US-09-918-686-93
/ Sequence 93, Application US/09918686
/ Patent No. 6475739
/ GENERAL INFORMATION:
/ APPLICANT: Brunow, Mary
/ APPLICANT: Proll, Sean
/ APPLICANT: Paepfer, Bryan
```

APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
TITLE OF INVENTION: GENOMIC DELETIONS  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 93  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-93

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 CAGGCTGAGTGCATG3 962  
DB 1 CAGGCTGAGTGCATG3 18

RESULT 190  
US-08-203-198-26/c  
Sequence 26, Application US/08203198  
Patent No. 5512462  
GENERAL INFORMATION:  
APPLICANT: Cheng, Suzanne  
TITLE OF INVENTION: Methods and Reagents for the Polymerase  
TITLE OF INVENTION: Chain Reaction Amplification of long DNA Sequences  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/203,198  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry Ph.D., Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8894  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-203-198-26

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTGTGGGACTACG 745  
DB 21 CCTGAGTGTGGGACTACG 1

RESULT 191  
US-08-632-575B-21/c  
Sequence 21, Application US/08632575B  
Patent No. 5843660  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: Multiplex Amplification of  
TITLE OF INVENTION: Short Tandem Repeat Loci  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: DOS, version 6.0  
SOFTWARE: Morpheus 5.1 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/632,575B  
FILING DATE: 04/15/96  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/316,544  
FILING DATE: 09/30/94  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
POSITION IN GENOME:  
MAP POSITION: D14S548  
US-08-632-575B-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 AATCTCACTCTGTACCCAG3 948  
DB 21 AATCTCACTCTGTACCCAG3 1

RESULT 192  
US-08-933-358-15/c  
Sequence 15, Application US/08933358  
Patent No. 6013444  
GENERAL INFORMATION:  
APPLICANT: Dau, Peter C.  
TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR  
TITLE OF INVENTION: ELECTROPHORESIS  
FILE REFERENCE: 434001aa  
CURRENT APPLICATION NUMBER: US/08/933,358  
CURRENT FILING DATE: 1997-09-18  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 15  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PRIMER SEQUENCE  
US-08-933-358-15

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 382 GCCTCCCAAGTGTGGATT 402  
DB 21 GCTTCCCAAGTGTGGATT 1

RESULT 193  
US-08-781-891-7/c  
Sequence 7, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-Bn  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-7

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 482 GCAGTGTGTGATCAGCTC 502  
DB 21 GCAGTGTGTGATCAGCTC 1

RESULT 194  
US-08-847-844A-116/c  
Sequence 116, Application US/08847844A  
Patent No. 6150160  
GENERAL INFORMATION:  
APPLICANT: KAZAZIAN JR., HAIG H.  
APPLICANT: BOBEK, JEFF D.  
APPLICANT: MORAN, JOHN V.  
APPLICANT: DOMBROSKI, BETH A.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:

ADDRESSER: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.  
CITY: PHILADELPHIA  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103-7086  
TELEPHONE: (215) 567-2020  
TELEFAX: (215) 567-2991  
INFORMATION FOR SEQ ID NO: 116:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-847-844A-116

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 483 CAGTGTGTGATCAGCTCA 503  
DB 21 CAGTGTGTGATCAGCTCA 1

RESULT 195  
US-08-649-950-67  
Sequence 67, Application US/08649950  
Patent No. 6403303  
GENERAL INFORMATION:  
APPLICANT: Shipman, Robert  
APPLICANT: Leushner, James  
APPLICANT: Dunn, James M.  
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Oppedahl & Larson  
STREET: 1992 Commerce Street Suite 309  
CITY: Yorktown  
STATE: NY  
COUNTRY: US  
ZIP: 10598  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/649,950  
FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Larson, Marina T.  
 REGISTRATION NUMBER: 32,038  
 REFERENCE/DOCKET NUMBER: VGEN.P-028-US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (914) 245-3252  
 TELEFAX: (914) 962-4330  
 TELETYPE:  
 INFORMATION FOR SEQ ID NO: 67:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 21  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 ORGANISM: human  
 FEATURE:  
 OTHER INFORMATION: amplification primer for BRCA1 gene  
 US-08-649-950-67

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CAGTGTGTGATCAGCTCA 503  
 DB 1 CAGTGTGTGATCAGCTCA 21

RESULT 196  
 US-09-918-686-87/c  
 Sequence 87, Application US/09918686  
 Patent No. 6475739  
 GENERAL INFORMATION:  
 APPLICANT: Brunkow, Mary  
 APPLICANT: Prolli, Sean  
 APPLICANT: Paepfer, Bryan  
 APPLICANT: Staehling-Hampton, Karen  
 TITLE OF INVENTION: METHODS FOR IDENTIFYING  
 FILE REFERENCE: 240083.515  
 CURRENT APPLICATION NUMBER: US/09/918,686  
 CURRENT FILING DATE: 2001-07-30  
 NUMBER OF SEQ ID NOS: 105  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 87  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: PCR primer  
 US-09-918-686-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GACCTTGATCTGCTGCTCT 849  
 DB 21 GACCTTGATCTGCTGCTCT 1

RESULT 197  
 US-09-199-542B-21/c  
 Sequence 21, Application US/09199542B  
 Patent No. 6479235

GENERAL INFORMATION:  
 APPLICANT: Schumm, James W.  
 APPLICANT: Sprecher, Cynthia J.  
 TITLE OF INVENTION: Multiple Tandem Repeat Loci  
 FILE REFERENCE: 16026/9212  
 CURRENT APPLICATION NUMBER: US/09/199,542B  
 CURRENT FILING DATE: 1998-11-25  
 PRIOR APPLICATION NUMBER: US 08/316,544  
 PRIOR FILING DATE: 1994-09-30  
 PRIOR APPLICATION NUMBER: US 08/632,575  
 PRIOR FILING DATE: 1996-04-15  
 NUMBER OF SEQ ID NOS: 110  
 SOFTWARE: Word97 (converted to DOS text format)  
 SEQ ID NO 21  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 LOCATION: D14S548  
 US-09-199-542B-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 AATCTCACTCTGTACCAGG 948  
 DB 21 AATCTCACTCTGTACCAGG 1

RESULT 198  
 US-09-618-166-7/c  
 Sequence 7, Application US/09618166  
 Patent No. 6583112  
 GENERAL INFORMATION:  
 APPLICANT: Fu, Ying-Hui  
 Yu, Chang-Bn  
 Oshima, Junko  
 Mulligan, John T.  
 Schellenberg, Gerald D.  
 TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
 WERNER'S SYNDROME  
 NUMBER OF SEQUENCES: 209  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Seed Intellectual Property Law Group  
 STREET: 701 Fifth Avenue, Suite 6300  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98104-7092  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/618,166  
 FILING DATE: 17-Jul-2000  
 CLASSIFICATION: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mcmasters, David D.  
 REGISTRATION NUMBER: 33,963  
 REFERENCE/DOCKET NUMBER: 240052.419C1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEFAX: (206) 682-6031  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 21 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
 US-09-618-166-7



FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-25  
Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGAGTGAGC 663  
DB 21 CTCAGGCTGAGTGAGTGAGC 1

RESULT 203  
US-09-146-580-10  
Sequence 10, Application US/09146580A  
Patent No. 6306653  
GENERAL INFORMATION:  
APPLICANT: Papsidero, Lawrence D  
APPLICANT: Dyaser, Lynn M  
APPLICANT: Frustaci, Jana M  
TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE  
FILE REFERENCE: 200755/1002  
CURRENT APPLICATION NUMBER: US/09/146,580A  
EARLIER FILING DATE: 1998-09-03  
EARLIER APPLICATION NUMBER: 60/071,889  
EARLIER FILING DATE: 1998-01-20  
EARLIER APPLICATION NUMBER: 60/092,155  
EARLIER FILING DATE: 1998-07-09  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-146-580-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGGCGTGAGCC 885  
DB 2 CTGGATTATGAGTGAGCC 22

RESULT 204  
US-09-225-928-25/C  
Sequence 25, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,252  
FILING DATE: 09-FEB-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-252-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 CTCACCTGTATCCAGGCTG 951  
DB 21 CTCACCTGTCTCCAGGCTG 1

RESULT 202  
US-08-859-998-25/C  
Sequence 25, Application US/08859998  
Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-25  
Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGAGTGAGC 663  
DB 21 CTCAGGCTGAGTGAGTGAGC 1

RESULT 203  
US-09-146-580-10  
Sequence 10, Application US/09146580A  
Patent No. 6306653  
GENERAL INFORMATION:  
APPLICANT: Papsidero, Lawrence D  
APPLICANT: Dyaser, Lynn M  
APPLICANT: Frustaci, Jana M  
TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE  
FILE REFERENCE: 200755/1002  
CURRENT APPLICATION NUMBER: US/09/146,580A  
EARLIER FILING DATE: 1998-09-03  
EARLIER APPLICATION NUMBER: 60/071,889  
EARLIER FILING DATE: 1998-01-20  
EARLIER APPLICATION NUMBER: 60/092,155  
EARLIER FILING DATE: 1998-07-09  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-146-580-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGGCGTGAGCC 885  
DB 2 CTGGATTATGAGTGAGCC 22

RESULT 204  
US-09-225-928-25/C  
Sequence 25, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>

```

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-928-25
Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTGCAGTGC 663
DB 21 CTCAGCTGAGTGTAGTGC 1

RESULT 205
US-09-918-686-88
; Sequence 88, Application US/09918686
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepert, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-88

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACCTCTGCT 692
DB 1 GGCTCACTGCACCTCCACCT 21

RESULT 206
US-09-225-201B-25/c
; Sequence 25, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Johndaze, George
; APPLICANT: Bibliashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
```

```

;
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-201B-25
Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTGCAGTGC 663
DB 21 CTCAGCTGAGTGTAGTGC 1

RESULT 207
US-09-834-795A-10
; Sequence 10, Application US/09834795A
; Patent No. 6723518
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lynn, Dyster
; APPLICANT: Jana, Frustraci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patencin version 3.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-834-795A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 2.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAGCC 885  
|||||  
DB 2 CTGGATTATAGGTGTGAGCC 22

RESULT 208

US-09-834-795A-14

Sequence 14, Application US/09834795A

Patent No. 6723518

GENERAL INFORMATION:

APPLICANT: Lawrence, Papeidero

APPLICANT: Lyn, Dyster

APPLICANT: Jana, Frustaci

TITLE OF INVENTION: Detection and Treatment of Breast Cancer

FILE REFERENCE: 3380/11127-US3

CURRENT APPLICATION NUMBER: US/09/834,795A

CURRENT FILING DATE: 2001-04-12

PRIOR APPLICATION NUMBER: 09/146,580

PRIOR FILING DATE: 1998-09-03

PRIOR APPLICATION NUMBER: 60/071,899

PRIOR FILING DATE: 1998-01-20

PRIOR APPLICATION NUMBER: 60/092,155

PRIOR FILING DATE: 1998-07-09

NUMBER OF SEQ ID NOS: 35

SOFTWARE: PatentIn version 3.0

SEQ ID NO 14

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Gene specific primer (24R)

US-09-834-795A-14

Query Match 1.8%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 2.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAGCC 885  
|||||  
DB 2 CTGGATTATAGGTGTGAGCC 22

RESULT 209

PCT-US96-06352-35/c

Sequence 35, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: GINKKE, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESS: MORRISON &amp; FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA: US 08/599,252

APPLICATION NUMBER: 09-FEB-1996

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US96-06352-35

Query Match 1.8%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 2.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCTGTTACCCAGCGTGAAGT 955  
|||||  
DB 21 CTCTATTGCCAGCGTGAAGT 1

RESULT 210

PCT-US96-06352-38/c

Sequence 38, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: GINKKE, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESS: MORRISON &amp; FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06352-38

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCCTGTACCCAGGCTGAGT 955  
DB 21 CTCCTATGCCCAGGCTGAGT 1

RESULT 211  
PCT-US96-06352-52/C

Sequence 52, Application PC/TUS9606352  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: GIMKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06352

FILING DATE:  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06352-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 CTCCTGTACCCAGGCTG 951  
DB 21 CTCCTATGCCCAGGCTG 1

RESULT 212  
PCT-US96-06583-35/C

Sequence 35, Application PC/TUS9606583  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GIMKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583

FILING DATE:  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-35

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCCTGTACCCAGGCTGAGT 955  
DB 21 CTCCTATGCCCAGGCTGAGT 1

RESULT 213  
PCT-US96-06583-38/C

Sequence 38, Application PC/TUS9606583  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GIMKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 38:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-38

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 CTCGTACCCAGCGCTGAGT 955  
Db 21 CTCATTGCCAGCGCTGAGT 1

RESULT 214  
PCT-US96-06583-52/c  
Sequence 52, Application PC/TUS9606583  
GENERAL INFORMATION:  
APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GINKER, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFE, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 CTCACCTGTGTACCCAGCGTG 951  
Db 21 CTCACCTGTGTCTCCAGCGTG 1

RESULT 215  
US-08-222-177A-330  
Sequence 330, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Demitt Rose & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 330:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd103p2  
US-08-222-177A-330

Query Match 1.8%; Score 17.4; DB 1; Length 19;

US-09-544-398B-222

```
NUMBER OF SEQUENCES: 271
```

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 249:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATTCTCTGCTCAGCCT 549  
DB 19 CATTCTCTGCTCAGCCT 1

RESULT 221  
US-09-280-805-256/c  
Sequence 256, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 256:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCACCTACCTGCTAATT 596  
DB 19 CCACCTACCTGCTAATT 1

RESULT 222  
US-09-280-805-257/c  
Sequence 257, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 TTTGATTTTGTAGAG 789  
| | | | |  
Db 20 TTTGATTTTGTAGAG 2

RESULT 223  
US-09-038-637-155/c  
; Sequence 155, Application US/09038637  
; Patent No. 6235470  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
; NUMBER OF SEQUENCES: 195  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER-READABLE FORM:  
; MEDIUM TYPE: Diskette  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,637  
; FILING DATE: 10-MAR-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/579,233  
; FILING DATE: 28-DEC-1995  
; APPLICATION NUMBER: 08/152,313  
; FILING DATE: 12-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/146001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 155:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; US-09-038-637-155

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 646 AGGCTGAGTGCAGTGGCG 664  
| | | | |  
Db 20 AGGCTGAGTGCAGTGGTG 2

RESULT 224  
US-09-467-642-65/c  
; Sequence 65, Application US/09467642  
; Patent No. 6300132  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowest  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
; FILE REFERENCE: RTS-0106  
; CURRENT APPLICATION NUMBER: US/09/467,642  
; CURRENT FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 65  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-65

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 969 CTCGGCTCAGTCGACCTC 987  
| | | | |  
Db 20 CTCGGCTCAGTCGACCTC 2

RESULT 225  
US-09-588-950A-5  
; Sequence 5, Application US/09588950A  
; Patent No. 639305  
; GENERAL INFORMATION:  
; APPLICANT: Makino, Yoshihiko  
; APPLICANT: Abe, Yoshihiko  
; APPLICANT: Ogawa, Masashi  
; APPLICANT: Takagi, Makoto  
; APPLICANT: Takenaka, Shigeori  
; APPLICANT: Yamashita, Kenichi  
; TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a  
; FILE REFERENCE: JG-YV-4980/500569.20039  
; CURRENT APPLICATION NUMBER: US/09/588,950A  
; CURRENT FILING DATE: 2000-06-07  
; PRIOR APPLICATION NUMBER: Japan 11-159339  
; PRIOR FILING DATE: 1999-06-07  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthesized  
US-09-588-950A-5

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
| | | | |  
Db 1 TTTTATTTTATTTT 19

RESULT 226  
US-09-851-896-18  
; Sequence 18, Application US/09851896  
; Patent No. 6410325  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Pfeiler  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPEND  
; FILE REFERENCE: RTS-0220  
; CURRENT APPLICATION NUMBER: US/09/851,896  
; CURRENT FILING DATE: 2001-05-08  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-851-896-18

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 851 GGCCTCCCAAGTCTGG 869  
Db 2 GGTCTCCCAAGTCTGG 20

RESULT 227  
US-09-780-175-25/c  
; Sequence 25, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780,175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-25

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 686 TCTGCTCTCCGCGTTCAAG 704  
Db 20 TCTGCTCTCCGCGTTCAAG 2

RESULT 228  
US-09-780-173A-20/c  
; Sequence 20, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-20

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 969 CTCGGCTCACTGCAACCTC 987  
Db 20 CTCAGCTCACTGCAACCTC 2

RESULT 229  
US-09-733-294A-81/c  
; Sequence 81, Application US/09733294A

; Patent No. 6492171  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: William Gaarde  
; APPLICANT: Susan M. Freier  
; APPLICANT: Edward V. Manciewicz  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
; FILE REFERENCE: ISPH-0527  
; CURRENT APPLICATION NUMBER: US/09/733,294A  
; CURRENT FILING DATE: 2000-12-07  
; PRIOR APPLICATION NUMBER: 09/572,423  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1121 TCAAACTCTGACCTCAG 1139  
Db 20 TCAAACTCTGACCTCAG 2

RESULT 230  
US-09-657-346A-32  
; Sequence 32, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 191 GTTCTCCATGTTGTCAG 209  
Db 2 GTTCTCCATGTTGTCAG 20

RESULT 231  
US-09-657-346A-49  
; Sequence 49, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174

SEQ ID NO 49  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGACTACAGGC 747  
Db 2 AGTAGCTGGACTACAGGC 20

RESULT 232  
US-09-679-299A-4/C  
Sequence 4, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-679-299A-4

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 GATTCCTGCTCTCAGCCT 1024  
Db 19 GATTCCTGCTCTCAGCCT 1

RESULT 233  
US-09-679-299A-69  
Sequence 69, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 69  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-69

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAG 883

Db 1 CTGGATTACAGCGCTGAG 19

RESULT 234  
US-08-394-210-6  
Sequence 6, Application US/08394210  
Patent No. 5814716  
GENERAL INFORMATION:  
APPLICANT: JALLAT, SOPHIE  
APPLICANT: MEULIEN, PIERRE  
APPLICANT: PAVIRANI, ANDREA  
TITLE OF INVENTION: CELL LINEAGES EXPRESSING A BIOLOGICALLY  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: 1615 L Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036-5601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,210  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/038,085  
FILING DATE:  
APPLICATION NUMBER: US 07/675,889  
FILING DATE: 09-APR-1991  
APPLICATION NUMBER: FR 8910720  
FILING DATE: 09-AUG-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: WHITE JR, PAUL E  
REGISTRATION NUMBER: 32011  
REFERENCE/DOCKET NUMBER: PEM/5683/84493  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: (202) 861-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-394-210-6

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 2.4e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGCTGAGCCAC 887  
Db 1 GATTACAGCGCTGAGCCAC 19

RESULT 235  
US-09-475-947A-119  
Sequence 119, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
APPLICANT: Minna, John D.



; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
 ; FILE REFERENCE: UTS0067  
 ; CURRENT APPLICATION NUMBER: US/09/475,947A  
 ; CURRENT FILING DATE: 1999-12-31  
 ; NUMBER OF SEQ ID NOS: 346  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 119  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: human  
 ; US-09-475-947A-119

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
 Best Local Similarity 94.7%; Pred. No. 2.4e+02;  
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
 DB 2 TTTTATTTATTTT 20

RESULT 236  
 US-08-635-820A-2/c  
 ; Sequence 2, Application US/08635820A  
 ; Patent No. 5817462  
 ; GENERAL INFORMATION:  
 ; APPLICANT: YUVAL GARINI ET AL.  
 ; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR  
 ; NUMBER OF SEQUENCES: 3  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein  
 ; STREET: 2940 Birchtree lane  
 ; CITY: Silver Spring  
 ; STATE: Maryland  
 ; COUNTRY: United States of America  
 ; ZIP: 20906

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
 COMPUTER: Twinhead\* Slimnote-890TX  
 OPERATING SYSTEM: MS DOS version 6.2,  
 SOFTWARE: word for windows version 3.11  
 SOFTWARE: converted to ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/635,820A  
 FILING DATE: 22-Apr-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/107,673  
 FILING DATE: 18-Aug-93  
 APPLICATION NUMBER: 08/392,019  
 FILING DATE: 21-Feb-95  
 APPLICATION NUMBER: 08/571,047  
 FILING DATE: 12-Dec-95  
 APPLICATION NUMBER: 08/575,191  
 FILING DATE: 20-Dec-95  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Friedman, Mark M.  
 REGISTRATION NUMBER: 33,883  
 REFERENCE/DOCKET NUMBER: 205/15  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 972-3-562553  
 TELEFAX: 972-3-562554  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-635-820A-2

Query Match 1.7%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 643 CCCAGGCTGGAGTGAG 659  
 DB 17 CCCAGGCTGGAGTGAG 1

RESULT 237  
 US-09-100-104-2/c  
 ; Sequence 2, Application US/09100104  
 ; Patent No. 6065459  
 ; GENERAL INFORMATION:  
 ; APPLICANT: YUVAL GARINI ET AL.  
 ; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE  
 ; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND  
 ; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING  
 ; NUMBER OF SEQUENCES: 3  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina  
 ; STREET: 20001 Jefferson Davis Highway, Suite 207  
 ; CITY: Arlington  
 ; STATE: Virginia  
 ; COUNTRY: United States of America  
 ; ZIP: 22202

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
 COMPUTER: Twinhead\* Slimnote-890TX  
 OPERATING SYSTEM: MS DOS version 6.2,  
 SOFTWARE: word for windows version 3.11  
 SOFTWARE: converted to ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/100,104  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/107,673  
 FILING DATE: 18-Aug-93  
 APPLICATION NUMBER: 08/392,019  
 FILING DATE: 21-Feb-95  
 APPLICATION NUMBER: 08/571,047  
 FILING DATE: 12-Dec-95  
 APPLICATION NUMBER: 08/575,191  
 FILING DATE: 20-Dec-95  
 APPLICATION NUMBER: 08/635,820  
 FILING DATE: 22-Apr-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Friedman, Mark M.  
 REGISTRATION NUMBER: 33,883  
 REFERENCE/DOCKET NUMBER: 205/15  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 972-3-562553  
 TELEFAX: 972-3-562554  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-100-104-2

Query Match 1.7%; Score 17; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGGAGTGAG 659  
 DB 17 CCCAGGCTGGAGTGAG 1

RESULT 238

US-08-222-177A-82/C  
; Sequence 82, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (dc-da)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Demilt Rose & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 82:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mfd10p2  
US-08-222-177A-82  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1111 CAGGCTGCTCAACT 1127  
DB 17 CAGGCTGCTCAACT 1  
RESULT 239  
US-08-487-759-1  
; Sequence 1, Application US/08487759  
; Patent No. 5660989  
; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,759  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19393  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-487-759-1  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
QY 601 TTTTATTTTAAATTT 617  
DB 2 UUUUAAUUUUAAUUUU 18  
RESULT 240  
US-08-807-104-1  
; Sequence 1, Application US/08807104  
; Patent No. 5861501  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
; TITLE OF INVENTION: APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: PasteSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/807,104  
; FILING DATE: 04-FEB-1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: YABLONSKY, MICHAEL D  
; REGISTRATION NUMBER: 40,407  
; REFERENCE/DOCKET NUMBER: 19406DA  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 732-594-4678  
; TELEFAX: 732-594-4720

TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 241

US-08-807-104-4  
Sequence 4, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:

NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-4

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 242

US-08-807-104-6  
Sequence 6, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:

US-08-807-104-6

Query Match 1.7%; Score 17; DB 1; Length 19;

Best Local Similarity 17.6%; Pred. No. 2.3e+02; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 243

US-08-807-104-7

; Sequence 7, Application US/08807104

; Patent No. 5861501

; GENERAL INFORMATION:

; APPLICANT: BENSELER, FRITZ

; APPLICANT: COLE, JAMES L.

; APPLICANT: OLSEN, DAVID B.

; APPLICANT: KUO, LAWRENCE C.

; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

; TITLE OF INVENTION: APTAMERS

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK &amp; CO., INC.

; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

; CITY: RAHWAY

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: PASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/807,104

; FILING DATE: 04-FEB-1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/480,068

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YABLONSKY, MICHAEL D

; REGISTRATION NUMBER: 40,407

; REFERENCE/DOCKET NUMBER: 19406DA

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 732-594-4678

; TELEFAX: 732-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic RNA

; FEATURE:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 13...13

; OTHER INFORMATION:

; US-08-807-104-7

Query Match

Best Local Similarity 1.7%; Score 17; DB 1; Length 19;

Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 244

US-08-807-104-8

; Sequence 8, Application US/08807104

; Patent No. 5861501

; GENERAL INFORMATION:

; APPLICANT: BENSELER, FRITZ

; APPLICANT: COLE, JAMES L.

; APPLICANT: OLSEN, DAVID B.

; APPLICANT: KUO, LAWRENCE C.

; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

; TITLE OF INVENTION: APTAMERS

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK &amp; CO., INC.

; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

; CITY: RAHWAY

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: PASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/807,104

; FILING DATE: 04-FEB-1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/480,068

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YABLONSKY, MICHAEL D

; REGISTRATION NUMBER: 40,407

; REFERENCE/DOCKET NUMBER: 19406DA

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 732-594-4678

; TELEFAX: 732-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic RNA

; FEATURE:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 6...6

; OTHER INFORMATION:

; US-08-807-104-8

Query Match

Best Local Similarity 1.7%; Score 17; DB 1; Length 19;

Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 245

US-08-807-104-9  
Sequence 9, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-807-104-9  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
Oy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUAUUUU 18  
RESULT 246  
US-08-807-104-10  
Sequence 10, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 19...19  
OTHER INFORMATION:  
US-08-807-104-10  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
Oy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUAUUUU 18  
RESULT 247  
US-08-807-104-13  
Sequence 13, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-13

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTTT 617  
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 248  
US-08-807-104-14  
Sequence 14, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPBED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-807-104-14

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTTT 617  
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 249  
US-08-807-104-15  
Sequence 15, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPBED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678  
 TELEFAX: 732-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 15:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 13...13  
 OTHER INFORMATION:  
 US-08-807-104-15

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
 Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
 Db 2 UUUUUUUUUUUUUUU 18

RESULT 250  
 US-08-807-104-16  
 Sequence 16, Application US/08807104  
 Patent No. 5861501  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPRED SYNTHETIC RNA, ANALOGS, AND  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/807,104  
 FILING DATE: 04-FEB-1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 12...12  
 OTHER INFORMATION:  
 US-08-807-104-16

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
 Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
 Db 2 UUUUUUUUUUUUUUU 18

RESULT 251  
 US-08-670-479-12/C  
 Sequence 12, Application US/08670479  
 Patent No. 5973133  
 GENERAL INFORMATION:  
 APPLICANT: Hardy, John A.  
 APPLICANT: Goate, Allison M.  
 TITLE OF INVENTION: MUTANT S182 GENES  
 NUMBER OF SEQUENCES: 24  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SmithKline Beecham Corporation  
 STREET: 709 Swedeland Road  
 CITY: King of Prussia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19406-0939  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/670,479  
 FILING DATE: 26-JUN-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/001,500  
 FILING DATE: 18-JUL-1996  
 APPLICATION NUMBER: 60/001,800  
 FILING DATE: 02-AUG-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Han, William T  
 REGISTRATION NUMBER: 34,344  
 REFERENCE/DOCKET NUMBER: P50361  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 610-270-5219  
 TELEFAX: 610-270-5090  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
US-08-670-479-12

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 73.7%; Pred. No. 2.3e+02;  
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 651 GGAGTGCAGTGCGGCATC 669  
DB 19 GGAGTGCAGTGCATC 1

RESULT 252  
US-08-973-139-1  
Sequence 1, Application US/08973139  
Patent No. 6100028  
GENERAL INFORMATION:  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Giesser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,139  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,760  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Giesser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19398  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-973-139-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 253

US-08-480-068-1  
Sequence 1, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELDER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-480-068-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 254  
US-08-480-068-4  
Sequence 4, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELDER, FRITZ  
APPLICANT: COLE, JAMES L.



```

; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-4

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTATTTT 617
Db 2 UUUUUUUUUUAUUUU 18

RESULT 255
US-08-480-068-6
; Sequence 6, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
```

```

; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
; US-08-480-068-6

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTATTTT 617
Db 2 UUUUUUUUUUAUUUU 18

RESULT 256
US-08-480-068-7
; Sequence 7, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
```

```

; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; PRIORITY APPLICATION DATA:
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; ATTORNEY/AGENT INFORMATION:
; FILING DATE:
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
; US-08-480-068-7

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 257
US-08-480-068-8
; Sequence 8, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; OPERATING SYSTEM: DOS
```

```

; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 6...6
; OTHER INFORMATION:
; US-08-480-068-8

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 258
US-08-480-068-9
; Sequence 9, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
```

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SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:
US-08-480-068-9

Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTAAATTT 617
      Db      2 UUUUUUUUUUAUUUU 18

RESULT 259
US-08-480-068-10
Sequence 10, Application US/08480068
Patent No. 611095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
```

```
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 19...19
OTHER INFORMATION:
US-08-480-068-10

Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTAAATTT 617
      Db      2 UUUUUUUUUUAUUUU 18

RESULT 260
US-08-480-068-13
Sequence 13, Application US/08480068
Patent No. 611095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
```

```

; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
;
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
;
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
;
; US-08-480-068-13
;
Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTATTTT 617
Db      2 UUUUUUUUUUUUUUU 18

RESULT 261
US-08-480-068-14
; Sequence 14, Application US/08480068
; Patent No. 611095
;
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
;
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
;
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 2...2
; OTHER INFORMATION:
;
; US-08-480-068-14
;
Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTATTTT 617
Db      2 UUUUUUUUUUUUUUU 18
```

```

; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
;
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 2...2
; OTHER INFORMATION:
;
; US-08-480-068-14
;
Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTATTTT 617
Db      2 UUUUUUUUUUUUUUU 18

RESULT 262
US-08-480-068-15
; Sequence 15, Application US/08480068
; Patent No. 611095
;
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
;
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-480-068-15

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 263  
US-08-480-068-16  
Sequence 16, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: IBM Compatible  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480.068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 12...12  
OTHER INFORMATION:  
US-08-480-068-16

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 264  
US-08-973-137-1  
Sequence 1, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: IBM Compatible  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973.137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480.068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 265  
US-08-973-137-4  
Sequence 4, Application US/08973137  
Patent No. 6369208

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUD, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1

OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-4

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 266  
US-08-973-137-6  
Sequence 6, Application US/08973137  
Patent No. 6369208

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUD, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13

OTHER INFORMATION:  
US-08-973-137-6

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 267  
US-08-973-137-7  
Sequence 7, Application US/0897137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-973-137-7

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 268  
US-08-973-137-8  
Sequence 8, Application US/0897137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-973-137-8





RESULT 271  
US-08-973-137-13  
; Sequence 13, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; US-08-973-137-13  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
Cy 601 TTTTATTTTATTTT 617  
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 272  
US-08-973-137-14  
; Sequence 14, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 2...2  
; OTHER INFORMATION:  
; US-08-973-137-14  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
Cy 601 TTTTATTTTATTTT 617  
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 273  
US-08-973-137-15  
; Sequence 15, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 2...2  
; OTHER INFORMATION:  
; US-08-973-137-15  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
Cy 601 TTTTATTTTATTTT 617  
Db 2 UUUUUUUUUUUUUUUU 18

```
ADDRESS: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
US-08-973-137-15

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 274
US-08-973-137-16
Sequence 16, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENESLER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
```

```
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 12...12
OTHER INFORMATION:
US-08-973-137-16

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 275
US-09-672-717-98/c
Sequence 98, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneiluk, Robert G.
APPLICANT: Lacasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holck, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 98
```

LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: based on Homo sapiens  
 US-09-672-717-98

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTCC 551  
 DB 18 CTCCTGCTCAGCTCC 2

RESULT 276  
 US-09-404-912-3/c  
 Sequence 3, Application US/09404912  
 Patent No. 6703228  
 GENERAL INFORMATION:  
 APPLICANT: John Landers  
 APPLICANT: David Houseman  
 APPLICANT: Barbara Jordan  
 APPLICANT: Alain Charrest  
 TITLE OF INVENTION: Methods and Products Related to  
 TITLE OF INVENTION: Genotyping and DNA Analysis  
 FILE REFERENCE: M0656/7045 (HCL/MAT)  
 CURRENT APPLICATION NUMBER: US/09/404,912  
 CURRENT FILING DATE: 1999-09-24  
 PRIOR APPLICATION NUMBER: US 60/101,757  
 PRIOR FILING DATE: 1998-09-25  
 PRIOR APPLICATION NUMBER: PCT/US99/22283  
 PRIOR FILING DATE: 1999-09-24  
 NUMBER OF SEQ ID NOS: 691  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO: 3  
 LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Homo Sapiens  
 US-09-404-912-3

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTCGCTCACTGCA 983  
 DB 18 ATCTCGCTCACTGCA 2

RESULT 277  
 PCT-US96-08320-1  
 Sequence 1, Application PC/TUS9608320  
 GENERAL INFORMATION:  
 APPLICANT: Cole, James L.  
 APPLICANT: Olsen, David B.  
 APPLICANT: Kuo, Lawrence C.  
 TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
 TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
 NUMBER OF SEQUENCES: 5  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Ms. Joanne J. Gieser  
 STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
 CITY: Rahway  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/08320  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Gieser, Joanne M.  
 REGISTRATION NUMBER: 32,838  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (908)-594-3046  
 TELEFAX: (908)-594-4720  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 PCT-US96-08320-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
 Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTATTATT 617  
 DB 2 UUUUUUUUUUUUU 18

RESULT 278  
 PCT-US96-08330-1  
 Sequence 1, Application PC/TUS9608330  
 GENERAL INFORMATION:  
 APPLICANT: MERCK & CO., INC.  
 APPLICANT: Cole, James L.  
 APPLICANT: Olsen, David B.  
 APPLICANT: Kuo, Lawrence C.  
 TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
 NUMBER OF SEQUENCES: 5  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Ms. Joanne J. Gieser  
 STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
 CITY: Rahway  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/08330  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Gieser, Joanne M.  
 REGISTRATION NUMBER: 32,838  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (908)-594-3046  
 TELEFAX: (908)-594-4720  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 PCT-US96-08330-1



APPLICANT: Graham, Brett P. Monica  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 241:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-241

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 935 CTCTGTACCAGGCTG 951  
DB 17 CTCTGTACCAGGCTG 1

RESULT 282  
US-08-973-137-2  
Sequence 2, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Pasteo Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-973-137-2

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 17.6%; Pred. No. 2.4e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTTAAATTT 617  
DB 3 UUUUUUUUUUUUUUU 19

RESULT 283  
US-09-233-086-61  
Sequence 61, Application US/09233086  
Patent No. 6337192  
GENERAL INFORMATION:  
APPLICANT: Bartel, Paul L.  
APPLICANT: Tavtigian, Sean V.  
TITLE OF INVENTION: Myriad Genetics, Inc.  
FILE REFERENCE: MMS1 Gene  
CURRENT APPLICATION NUMBER: US/09/233,086  
EARLIER FILING DATE: 1999-01-19  
EARLIER APPLICATION NUMBER: US 60/071,861  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 61  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: MMS1 Primers  
US-09-233-086-61

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 635 CTCTGTACCAGGCTG 651  
DB 5 CTCTGTACCAGGCTG 21

RESULT 284  
US-07-952-442-19/c  
Sequence 19, Application US/07952442  
Patent No. 5374525  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lifton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Koclevic, Youri  
APPLICANT: Corval, Pierre  
TITLE OF INVENTION: Angiotensinogen Gene Variants and  
TITLE OF INVENTION: Predisposition to Essential Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/952,442  
FILING DATE: 19920930  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-07-952-442-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGAGTCAGT 660  
DB 20 CTCGAGGCTGAGTCAGT 1

RESULT 285  
US-07-890-719-5  
Sequence 5, Application US/07890719  
Patent No. 5187506  
GENERAL INFORMATION:  
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F.; BREAKFIELD,  
APPLICANT: XANDRA O.  
TITLE OF INVENTION: USE OF GENETIC MARKERS TO DIAGNOSE FAMILIAL  
TITLE OF INVENTION: DYSAUTONOMIA  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE

CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/890,719  
FILING DATE: 19920722  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: EUGENE C. RZUCIDLO  
REGISTRATION NUMBER: 31,900  
REFERENCE/DOCKET NUMBER: 1828-4001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
FEATURE:  
NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS  
LOCATION: CHROMOSOME 9  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION: DAVID J.; HENSKE, ELIZABETH P.;  
AUTHORS: KWIAKOWSKI, LAURIE; GUSELLA, JAMES J.; HAINES, JONATHAN  
TITLE: CONSTRUCTION OF A GT POLYMORPHISM MAP OF HUMAN 9Q  
JOURNAL: GENOMICS  
VOLUME: 12  
ISSUE:  
PAGES: 229-240  
DATE: 1992  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-07-890-719-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGACTACA 744  
DB 1 CCTGAGTAGCCGGGACTATA 20

RESULT 286  
US-08-269-766-19/c  
Sequence 19, Application US/08269766

```
/ Patent No. 5589584
/ GENERAL INFORMATION:
/ APPLICANT: Lalouel, Jean-Marc
/ APPLICANT: Jeunemaitre, Xavier
/ APPLICANT: Lifton, Richard P.
/ APPLICANT: Soubrier, Florent
/ APPLICANT: Kotelevsev, Youri
/ APPLICANT: Corval, Pierre
/ TITLE OF INVENTION: Angiotensinogen Gene Variants and
/ TITLE OF INVENTION: Predisposition to Essential Hypertension
/ NUMBER OF SEQUENCES: 22
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Venable, Baetjer, Howard & Civiletti
/ STREET: 1201 New York Avenue N.W., Suite 1000
/ CITY: Washington
/ STATE: DC
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/269,766
/ FILING DATE: 01-JUL-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/952,442
/ FILING DATE: 30-SEP-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ihnen, Jeffrey L.
/ REGISTRATION NUMBER: 28,957
/ REFERENCE/DOCKET NUMBER: 19780-104502
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-962-4810
/ TELEX: 202-962-8300
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
/ US-08-269-766-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCCAGCTGAGTGCAGT 660
DB 20 CTCGAGGCTGAGTGCAGT 1

RESULT 287
US-08-290-936-12
/ Sequence 12, Application US/08290936
/ Patent No. 5656743
/ GENERAL INFORMATION:
/ APPLICANT: Busch et al.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
/ TITLE OF INVENTION: OF CELL GROWTH
/ NUMBER OF SEQUENCES: 16
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz
/ ADDRESSER: Mackiewicz & No. 5656743is
/ STREET: One Liberty Place - 46th floor
/ CITY: Philadelphia
/ STATE: PA
```

```
COUNTRY: USA
ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/290,936
/ FILING DATE: No. 5656743ember 18, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/00754
/ FILING DATE: January 27, 1993
/ APPLICATION NUMBER: 07/841,660
/ FILING DATE: February 19, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: John W. Caldwell and Rebecca L. Ralph
/ REGISTRATION NUMBER: 28,937 and 35,152
/ REFERENCE/DOCKET NUMBER: BAY-0032
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3439
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: yes
/ US-08-290-936-12

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 215 TCTGAACTCCGACTCTCAG 234
DB 1 TCTGAACTCCGACTCTCAG 20

RESULT 288
US-08-480-784-9/C
/ Sequence 9, Application US/08480784
/ Patent No. 5693473
/ GENERAL INFORMATION:
/ APPLICANT: Skolnick, Mark H.
/ APPLICANT: Goldgar, David E.
/ APPLICANT: Mikl, Yoshio
/ APPLICANT: Swenson, Jeff
/ APPLICANT: Kamb, Alexander
/ APPLICANT: Harshman, Keith D.
/ APPLICANT: Shattuck-Ridens, Donna M.
/ APPLICANT: Tavtigian, Sean V.
/ APPLICANT: Wiseman, Roger W.
/ APPLICANT: Futreal, P. Andrew
/ TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer
/ TITLE OF INVENTION: Susceptibility Gene
/ NUMBER OF SEQUENCES: 85
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
/ STREET: 1201 New York Avenue, N.W., Suite 1000
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,784
```

FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-480-784-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTGCTCCCGGTT 700  
DB 20 CAACCTGCTCCCGGTT 1

RESULT 289  
US-08-483-553-9/c  
Sequence 9, Application US/08483553  
Patent No. 5709999  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,553  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-483-553-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTGCTCCCGGTT 700  
DB 20 CAACCTGCTCCCGGTT 1

RESULT 290  
US-08-487-002-9/c  
Sequence 9, Application US/08487002  
Patent No. 5710001  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Sinaid, Jacques  
APPLICANT: Eml, Mitsuru  
APPLICANT: Nakamura, Yusuke  
APPLICANT: Durocher, Francine  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005



COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,002  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: cdj1239 A  
US-08-487-002-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CAACCTTGCCCTCCGGGTT 700  
Db 20 CAACCTTGCCCTCCAGGTT 1

RESULT 291  
US-08-483-554B-9/c  
Sequence 9, Application US/08483554B  
Patent No. 5747282  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Sean V.  
APPLICANT: Tavitigian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Putreal, P. Andrew  
TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer  
TITLE OF SEQUENCES: 85  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,554B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: cdj1239 A  
US-08-483-554B-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CAACCTTGCCCTCCGGGTT 700  
Db 20 CAACCTTGCCCTCCAGGTT 1

RESULT 292  
US-08-488-011B-9/c  
Sequence 9, Application US/08488011B  
Patent No. 5753441  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Sean V.  
APPLICANT: Tavitigian, Sean V.

APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17g-linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,011B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347-09  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: cdj1239 A  
US-08-488-011B-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACTCTGCTCCGCGGTT 700  
DB 20 CAACTCTGCTCCGCGGTT 1

RESULT 293  
US-08-319-545A-19/c  
Sequence 19, Application US/08319545A  
Patent No. 5763168  
GENERAL INFORMATION:  
APPLICANT: Jeunemaitre, Xavier

APPLICANT: Lifton, Richard P.  
APPLICANT: Sobrier, Florent  
APPLICANT: Kotelevaev, Youri  
TITLE OF INVENTION: Corvol, Pierre  
TITLE OF INVENTION: Method to Determine Predisposition  
TITLE OF INVENTION: to Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1/5.2 Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,545A  
FILING DATE: 7-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,442  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-319-545A-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGAGTCACT 660  
DB 20 CTCGAGGCTGAGTCACT 1

RESULT 294  
US-08-651-692-27  
Sequence 27, Application US/08651692  
Patent No. 5856099  
GENERAL INFORMATION:  
APPLICANT: Loren Miraglia, Thomas Geiger,  
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean  
TITLE OF INVENTION: Compositions and Methods for  
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: WORDPERFECT 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/651,692  
 FILING DATE: Herewith  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jane Massey Licata  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0144  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (609) 779-2400  
 TELEFAX: (609) 779-8488  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-08-651-692-27

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 676 CACTGCAACCTCTGCTCCC 695  
 Db 1 CACTGCAACCTCTGCTCCC 20

RESULT 295  
 US-08-480-655-5

Sequence 5, Application US/08480655  
 Patent No. 5998133  
 GENERAL INFORMATION:  
 APPLICANT: BLUMENFELD, ANAT, GUSELLA, JAMES F;  
 APPLICANT: BREAKFIELD, XANDRA, O;  
 APPLICANT: SLAUGENHAUPT, SUSAN  
 TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
 NUMBER OF SEQUENCES: 34  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
 STREET: 345 PARK AVENUE  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: USA  
 ZIP: 10154  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/480,655  
 FILING DATE: 07-JUNE-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/049,678  
 FILING DATE: 16-APRIL-1993  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/07/890,719  
 FILING DATE: 29-MAY-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KENNETH H. SONNENFELD  
 REGISTRATION NUMBER: 33,285

REFERENCE/DOCKET NUMBER: 1829-4001US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-451-8513  
 TELEFAX: 212-751-6849  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: NUCLEIC ACID  
 STRANDEDNESS: SINGLE  
 TOPOLOGY: UNKNOWN  
 MOLECULE TYPE: OLIGONUCLEOTIDE  
 HYPOTHETICAL: NO  
 FEATURE:  
 NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS  
 LOCATION: CHROMOSOME 9  
 IDENTIFICATION METHOD:  
 OTHER INFORMATION:  
 PUBLICATION INFORMATION:  
 AUTHORS: KWIAKOWSKI, DAVID J;  
 AUTHORS: HENSKIE, ELIZABETH P; WEIMER, KIM;  
 AUTHORS: OZELIUS, LAURIE; GUSELLA, JAMES J;  
 AUTHORS: HAINES, JONATHAN  
 TITLE: CONSTRUCTION OF A GT POLYMORPHISM  
 TITLE: MAP OF HUMAN 9Q  
 JOURNAL: GENOMICS  
 VOLUME: 12  
 ISSUE:  
 PAGES: 229-240  
 DATE: 1992  
 DOCUMENT NUMBER:  
 FILING DATE:  
 PUBLICATION DATE:  
 RELEVANT RESIDUES IN SEQ ID NO:  
 US-08-480-655-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 725 CCTGAGTACCTGGGACTACA 744  
 Db 1 CCTGAGTACCTGGGACTACA 20

RESULT 296  
 US-09-092-988-19/c

Sequence 19, Application US/09092988  
 Patent No. 5998145  
 GENERAL INFORMATION:  
 APPLICANT: Lalouel, Jean-Marc  
 APPLICANT: Jeunemaitre, Xavier  
 APPLICANT: Lifton, Richard P.  
 APPLICANT: Soublrier, Florent  
 APPLICANT: Kotelevtsev, Youri  
 APPLICANT: Corvol, Pierre  
 TITLE OF INVENTION: Method to Determine Predisposition  
 TITLE OF INVENTION: to Hypertension  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
 STREET: 1201 New York Avenue N.W., Suite 1000  
 CITY: Washington  
 STATE: DC  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 5.1/5.2 Windows  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/092,988  
 FILING DATE:  
 CLASSIFICATION:

```
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/319,545
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ihnen, Jeffrey L.
/ REGISTRATION NUMBER: 28,957
/ REFERENCE/DOCKET NUMBER: 19780-104502-2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-962-4810
/ TELEFAX: 202-962-8300
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
US-09-092-988-19

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      641 CACCCAGGCTGAGTGAGT 660
DB      20 CTCGAGGCTGAGTGAGT 1

RESULT 297
US-09-289-267-162/c
/ Sequence 162, Application US/09289267A
/ Patent No. 6046320
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lex M. Cowsett
/ REGISTRATION NUMBER: 0049
/ REFERENCE/DOCKET NUMBER: US/09/289,267A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 1999-04-04
/ TELEFAX: 1999-04-04
/ INFORMATION FOR SEQ ID NOS: 166
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: DNA
/ MOLECULE TYPE: Artificial Sequence
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-162

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      636 TCTGTCCAGGCTGAGT 655
DB      20 TCTGTCTCCAGGCTGAGT 1

RESULT 298
US-09-289-267-163
/ Sequence 163, Application US/09289267A
/ Patent No. 6046320
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lex M. Cowsett
/ REGISTRATION NUMBER: 0049
/ REFERENCE/DOCKET NUMBER: US/09/289,267A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 1999-04-04
/ TELEFAX: 1999-04-04
/ INFORMATION FOR SEQ ID NOS: 166
```

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/ SEQ ID NO 163
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE: Artificial Sequence
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-163

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      662 GCGCAATCTTGAGTCACTGC 681
DB      1 GCTCAATCTTGAGTCACTGC 20

RESULT 299
US-09-009-913-230/c
/ Sequence 230, Application US/09009913
/ Patent No. 6087485
/ GENERAL INFORMATION:
/ APPLICANT: Alys Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Asthma Related Genes
/ NUMBER OF SEQUENCES: 339
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Bozicevic & Reed, LLP
/ STREET: 285 Hamilton Ave, Suite 200
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94301
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ OPERATING SYSTEM: IBM Compatible
/ SOFTWARE: FASTSEQ for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/009,913
/ FILING DATE: 21-JAN-1998
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sherwood, Pamela J
/ REGISTRATION NUMBER: 36,677
/ REFERENCE/DOCKET NUMBER: SEQ-4P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-327-3231
/ TELEFAX: 650-327-3231
/ TELETYPE:
/ INFORMATION FOR SEQ ID NO: 230:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-009-913-230

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      931 CTCACCTCTGTACCCAGGCT 950
DB      20 CTCACCTCTGTACCCAGGCT 1

RESULT 300
US-09-358-384-36/c
/ Sequence 38, Application US/09358384
/ Patent No. 6130088
```

GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESS  
FILE REFERENCE: RTS-0083  
CURRENT APPLICATION NUMBER: US/09/358,384  
CURRENT FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO: 38  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-358-384-38

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1080 TTCATTAGAGCGCGGTTTC 1099  
Db 20 TTTAGTAGAGCGCGGTTTC 1

RESULT 301  
US-09-106-216-19/c  
Sequence 19, Application US/09106216  
Patent No. 6153386  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lofton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Kotelevtsev, Yuri  
APPLICANT: Corvol, Pierre  
TITLE OF INVENTION: Method to Determine Predisposition to  
TITLE OF INVENTION: Hypertension  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rothwell, Piggy, Ernst & Kurz  
STREET: 555 Thirteenth Street N.W., Suite 701-E  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,216  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/  
FILING DATE: 08-JUN-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/319,545  
FILING DATE: 07-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,545  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 2323-124  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-783-6040  
TELEFAX: 202-783-6031  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-106-216-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 641 CACCAGGCTGAGTGACAGT 660  
Db 20 CTCGAGGCTGAGTGACAGT 1

RESULT 302  
US-08-850-727-9/c  
Sequence 9, Application US/08850727  
Patent No. 6162897  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harsman, Keith D.  
APPLICANT: Shattuck-Sidens, Donna M.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/850,727  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,554  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-850-727-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CACCTCTGCTCCCGGTT 700  
DB 20 CACCTCTGCTCCAGGTT 1

RESULT 303  
US-09-429-034-19/c  
Sequence 19, Application US/09429034  
Patent No. 6165727  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lifton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Kocolevtssev, Youni  
APPLICANT: Corvol, Pierre  
TITLE OF INVENTION: Method to Determine Predisposition  
TITLE OF INVENTION: to Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1/5.2 Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/429,034  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,545  
FILING DATE: 7-OCT-1994  
APPLICATION NUMBER: US 07/952,442  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-09-429-034-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCAGCTGGAGTGCACT 660  
DB 20 CTCGAGCTGGAGTGCACT 1

RESULT 304  
US-09-280-805-251/c  
Sequence 251, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDX2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 251:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-09-280-805-251

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 TCAGCTCCCAATGACTG 562  
DB 20 TCAGCTCCCAATGACTG 1

RESULT 305  
US-09-280-805-258/c  
Sequence 258, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 258:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-258

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 316 GTAGAAACAGGGTTTCACTG 335
Db 20 GTAGAGACAGGGTTTCACTG 1

RESULT 306
US-09-280-805-262/c
; Sequence 262: Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-262

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 213 GGTCGCACTCCCGACCTC 232
Db 20 GGTCGCACTCCCGACCTC 1

RESULT 307
US-09-280-805-265/c
; Sequence 265: Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-265
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 GCGTGGCTGGCTCCCAA 861  
DB 20 GCCCAGCTGGCTCCCAA 1

RESULT 308  
US-09-455-683-5  
; Sequence 5, Application US/09455683  
; Patent No. 6262250

GENERAL INFORMATION:

APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
BRAKEREI, XANDRA, O;  
SLAUGENHAUPT, SUSAN

TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
DIAGNOSE FAMILIAL DYSAUTONOMIA

NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE

CITY: NEW YORK  
STATE: NEW YORK

COUNTRY: USA  
ZIP: 10154

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/455,683  
FILING DATE: 07-Dec-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,655  
FILING DATE: 07-JUNE-1995

APPLICATION NUMBER: 08/049,678  
FILING DATE: 16-APRIL-1993

APPLICATION NUMBER: US/07/890,719  
FILING DATE: 29-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: KENNETH H. SONNENFELD  
REGISTRATION NUMBER: 33,285

REFERENCE/DOCKET NUMBER: 1829-4001US2  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-451-8513  
TELEFAX: 212-751-6849

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 BASE PAIRS  
TYPE: NUCLEIC ACID

STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN

MOLECULE TYPE: OLIGONUCLEOTIDE  
HYPOTHETICAL: NO

FEATURE:

NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS  
LOCATION: CHROMOSOME 9

PUBLICATION INFORMATION:

AUTHORS: KWATKOWSKI, DAVID J;  
HENSKS, ELIZABETH P; WEIMER, KIM;  
OZEILUS, LAURIE; GUSELLA, JAMES J;

HAINES, JONATHAN  
TITLE: CONSTRUCTION OF A GT POLYMORPHISM  
MAP OF HUMAN 9Q

JOURNAL: GENOMICS  
VOLUME: 12

ISSUE:  
PAGES: 229-240  
DATE: 1992

SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-455-683-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGAGCTACA 744  
DB 1 CCTGAGTAGCTGGAGCTACTA 20

RESULT 309

US-09-496-694B-233/c  
; Sequence 233, Application US/09496694B  
; Patent No. 6335194

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann

APPLICANT: Eric E. Swayze  
APPLICANT: Lex M. Coweart

TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439

CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02

PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05

PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29

NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 233

LENGTH: 20  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TACAGCGGTGAGCCACACG 891  
DB 20 TAAAGGTGAGCCACACAG 1

RESULT 310

US-09-662-250A-75  
; Sequence 75, Application US/09662250A  
; Patent No. 6368856

GENERAL INFORMATION:

APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION  
FILE REFERENCE: RTS-0129

CURRENT APPLICATION NUMBER: US/09/662,250A  
CURRENT FILING DATE: 2000-09-14

NUMBER OF SEQ ID NOS: 102  
SEQ ID NO 75

LENGTH: 20  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide  
US-09-662-250A-75

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 TCAGTGCAACCTCTGCTCC 694  
|||||



Db 1 TCACTGCACCTCCGCTCTCC 20

## RESULT 311

US-09-798-096-16  
; Sequence 16, Application US/09798096  
; Patent No. 639378  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF REGI2 EXPRESSION  
; FILE REFERENCE: RTS-0207  
; CURRENT APPLICATION NUMBER: US/09/798,096  
; CURRENT FILING DATE: 2001-03-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-798-096-16

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 866 TGGATTACAGCGCTGAGCC 865  
Db 1 TAGGATTACAGGTGTGAGCC 20

## RESULT 312

US-09-780-175-24/c  
; Sequence 24, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780,175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-24

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 969 CTCGGCTCAGCGACCTCT 988  
Db 20 CTCGGCTTACTGCCACTCT 1

## RESULT 313

US-09-780-173A-19/c  
; Sequence 19, Application US/09780173A  
; Patent No. 645307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A

; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 658 AGTGGCGCATCTTGCTCA 677  
Db 20 AGTGGCGCATCTCAGCTCA 1

## RESULT 314

US-09-780-173A-21/c  
; Sequence 21, Application US/09780173A  
; Patent No. 645307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-21

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 993 CCCGGCTCAAGCGATTCTC 1012  
Db 20 CCTGTTCAGGCGATTCTC 1

## RESULT 315

US-09-780-049-83/c  
; Sequence 83, Application US/09780049  
; Patent No. 6465250  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT  
; FILE REFERENCE: RTS-0134  
; CURRENT APPLICATION NUMBER: US/09/780,049  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 83  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-049-83

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 875 AGCGGTGACGACCAAGCC 894  
Db 20 AGCGGTGACGACCACTTGCCCC 1

RESULT 316  
US-09-657-346A-52  
; Sequence 52, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-52

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 772 TTGTATTTTGTAGAGATG 791  
Db 1 TTGTATTTTGTAGAGAGAG 20

RESULT 317  
US-09-060-299-302/c  
; Sequence 302, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Metzger, Michael L  
; APPLICANT: Metzger, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137ch Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/048,740

; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 302:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-060-299-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGTGGTGATCAGCTCA 503  
Db 20 AGCGGTGATCTCAGCTCA 1

RESULT 318  
US-09-402-923A-302/c  
; Sequence 302, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Metzger, Michael L  
; APPLICANT: Metzger, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A  
; FILING DATE: 14-Feb-2001  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 302:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 302;  
US-09-402-923A-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGCGTGTGATCAGCTCA 503  
DB 20 AGCGTGTGATCAGCTCA 1

RESULT 319  
US-09-953-318-98  
Sequence 98, Application US/09953318  
Patent No. 6710174  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
FILE REFERENCE: RTS-0232  
CURRENT APPLICATION NUMBER: US/09/953,318  
CURRENT FILING DATE: 2001-09-13  
NUMBER OF SEQ ID NOS: 154  
SEQ ID NO 98  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-318-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 885 CACCACGCCGCTTATTTT 904  
DB 1 CACCACGCCGCTTATTTT 20

RESULT 320  
US-09-911-935C-16/c  
Sequence 16, Application US/09911935C  
Patent No. 6753422  
GENERAL INFORMATION:  
APPLICANT: O'BRIEN, Thomas  
APPLICANT: GUO, Yong Jun  
TITLE OF INVENTION: ODC Allelic Analysis Method for Assessing Carcinogenic Susceptibility  
FILE REFERENCE: 9855-3202  
CURRENT APPLICATION NUMBER: US/09/911,935C  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 60/122,301  
PRIOR FILING DATE: 1999-03-01  
PRIOR APPLICATION NUMBER: 09/516,357  
PRIOR FILING DATE: 2000-03-01  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Forward primer in Example 3  
US-09-911-935C-16

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;

Matches: 18; Conservative 0; Mismatches: 2; Indels 0; Gaps 0;  
QY 684 CCTGTGCTCCCGGTTCAA 703  
DB 20 CCTGTGCTCCCGGTTCAA 1

RESULT 321  
PCT-US95-10202-9/c  
Sequence 9, Application PC/TUS9510202  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Simard, Jacques  
APPLICANT: Eml, Mitsuru  
APPLICANT: Nakamura, Yusuke  
APPLICANT: Durocher, Francine  
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms  
TITLE OF INVENTION: In the 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/10202  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08-308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Immen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: tdj1239 A

PCT-US95-10202-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGGTT 700

DB 20 CAACCTCTGCTCCCGGGTT 1

RESULT 322  
PCT-US95-10203-9/c  
Sequence 9, Application PC/TUS9510203

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavligian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10203

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08-308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

IMMEDIATE SOURCE:

CLONE: tdj1239 A

PCT-US95-10203-9

QY 681 CAACCTCTGCTCCCGGGTT 700

DB 20 CAACCTCTGCTCCCGGGTT 1

RESULT 323  
PCT-US95-10220-9/c  
Sequence 9, Application PC/TUS9510220

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavligian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: Method for Diagnosing a

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10220

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08-308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

```
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: fdj1239 A
PCT-US95-10220-9

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTTGCTCCCGGCTT 700
DB 20 CAACCTTGCTCCAGTT 1

RESULT 324
US-09-422-978-6639/c
Sequence 6639, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6639
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-14743 for SEQ 2705,
US-09-422-978-6639

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GTGCTAGAAACAGGTTTCA 332
DB 21 GTGCTAGAAAGGTTTCA 2

RESULT 325
US-09-078-294-2/c
Sequence 2, Application US/09078294
Patent No. 6265211
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
```

```
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/078,294
CURRENT FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: DNA primer
US-09-078-294-2

Query Match
Best Local Similarity 1.7%; Score 16.6; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGC 663
DB 19 CAGCTGACATGCARTG 1

RESULT 326
US-09-156-253-45
Sequence 45, Application US/09156253C
Patent No. 6001652
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREB Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-45

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGGATT 402
DB 1 TCCCAAGTGTGATT 18

RESULT 327
US-09-161-443-46/c
Sequence 46, Application US/09161443A
Patent No. 6020198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-46

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 18;
```

Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1112 AGCGTGTCTCAACATCC 1129  
DB 18 AGCGTGTCTCAACATCC 1

RESULT 328  
US-09-161-443-47/C  
; Sequence 47, Application US/09161443A  
; Patent No. 6020198  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION  
; FILE REFERENCE: RTS-0011  
; CURRENT APPLICATION NUMBER: US/09/161,443A  
; CURRENT FILING DATE: 1998-09-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-161-443-47

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 383 CCTCCCAAGTCTGGGA 400  
DB 18 CCTCCCAAGTCTGGGA 1

RESULT 329  
US-09-630-706-94  
; Sequence 94, Application US/09630706  
; Patent No. 6277640  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HRR-3 EXPRESSION  
; FILE REFERENCE: RTS-0053  
; CURRENT APPLICATION NUMBER: US/09/630,706  
; CURRENT FILING DATE: 2000-08-01  
; NUMBER OF SEQ ID NOS: 94  
; SEQ ID NO 94  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-94

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 388 CAAAGTCTGGATTACA 405  
DB 1 CAAAGTCTGGATTACA 18

RESULT 330  
US-09-544-398B-220/C  
; Sequence 220, Application US/09544398B  
; Patent No. 6770461  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.

; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 220  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-544-398B-220

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 685 CTCTGCTCCCGGTTCA 702  
DB 18 CTCTGCTCCCGGTTCA 1

RESULT 331  
US-09-544-398B-438  
; Sequence 438, Application US/09544398B  
; Patent No. 6770461  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.  
; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 438  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-544-398B-438

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 392 GTGCTGGATTACAGCG 409  
DB 1 GTGCTGGATTACAGCG 18

RESULT 332  
US-08-767-979-10  
; Sequence 10, Application US/08767979  
; Patent No. 5945283  
; GENERAL INFORMATION:  
; APPLICANT: Kwok, Pui-Yan  
; APPLICANT: Chen, Xiangning  
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using

TITLE OF INVENTION: Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Haferkamp, L.C.  
STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/767,979  
FILING DATE: 17-DEC-1996  
CLASSIFICATION: 455  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 PROBE; SYNTHETIC  
DESCRIPTION: NUCLEOTIDE SEQUENCE COMPLEMENTARY TO NUCLEOTIDES 21-39 IN SEQ ID  
DESCRIPTION: NO:8 AND SEQ ID NO:9; 5' END FLUORESCIN LABELLED CYTOSINE."  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN  
OTHER INFORMATION: LABELLED CYTOSINE,"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
US-08-767-979-10

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 677 ACTGCAAGCTCTGCTCC 694  
DB 2 ACTGCAAGCTCTGCTCC 19

RESULT 333  
US-09-295-026-10  
Sequence 10, Application US/09295026  
Patent No. 6177249  
GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Haferkamp, L.C.  
STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295,026  
FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 PROBE; SYNTHETIC  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN  
LABELLED CYTOSINE,"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-295-026-10

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 677 ACTGCAAGCTCTGCTCC 694  
DB 2 ACTGCAAGCTCTGCTCC 19

RESULT 334  
US-08-741-406-8/c  
Sequence 8, Application US/08741406  
Patent No. 572118  
GENERAL INFORMATION:  
APPLICANT: Scheffler, Immo E.  
TITLE OF INVENTION: Mammalian Artificial Chromosomes and  
Methods of Using Same  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,406  
FILING DATE:

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 06/550,717  
FILING DATE: 31-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UD 2317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-741-406-8

Query Match 1.7%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 316 GTGAAACAGGGTTTCAC 333  
|||||  
DB 20 GTAGAGACAGGGTTTCAC 3

RESULT 335  
US-09-024-472-8/c  
Sequence 8, Application US/09024472  
Patent No. 6133503  
GENERAL INFORMATION:  
APPLICANT: Scheffler, Immo E.  
TITLE OF INVENTION: Mammalian Artificial Chromosomes and  
NUMBER OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/024,472  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,406  
FILING DATE:  
APPLICATION NUMBER: US 06/550,717  
FILING DATE: 31-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UD 2317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-024-472-8

Query Match 1.7%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 316 GTGAAACAGGGTTTCAC 333  
|||||  
DB 20 GTAGAGACAGGGTTTCAC 3

RESULT 336  
US-09-479-005A-270  
Sequence 270, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MEHB00-884-C  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: Patent version 3.0  
SEQ ID NO 270  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-270

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 2.2e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 209 GGCTGATCTCGAATC 224  
|||||  
DB 1 GGCUGGUCUGAATC 16

RESULT 337  
US-09-347-114A-91/c  
Sequence 91, Application US/09347114A  
Patent No. 6297014  
GENERAL INFORMATION:  
APPLICANT: Kent D. Taylor (Inventor)  
APPLICANT: Maren T. Scheuner (Inventor)  
APPLICANT: Jerome I. Rotter (Inventor)  
APPLICANT: Huiying Yang (Inventor)  
TITLE OF INVENTION: Genetic Test to Determine  
FILE REFERENCE: P07 41878  
CURRENT APPLICATION NUMBER: US/09/347,114A  
CURRENT FILING DATE: 1999-07-02  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 91  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-347-114A-91

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GTTACCCAGGCTGAG 954  
|||||  
DB 16 GTTACCCAGGCTGAG 1



RESULT 338  
US-08-529-878B-33/C  
Sequence 33, Application US/08529878B  
Patent No. 593556  
GENERAL INFORMATION:  
APPLICANT: Tam, Robert C.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
NUMBER OF SEQUENCES: 48  
REGULATION OF CD28 EXPRESSION  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Crockett & Fish  
STREET: 3000 S. Augusta Court  
CITY: La Habra  
STATE: California  
COUNTRY: United States of America  
ZIP: 90631  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,878B  
FILING DATE: 13-SEP-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Fish, Robert D.  
REGISTRATION NUMBER: 33,880  
REFERENCE/DOCKET NUMBER: 213/003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-525-3433  
TELEFAX: 714-525-3303  
TELEX:  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-529-878B-33  
Query Match 1.6%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 872 TACAGCGCTGAGCCAC 887  
Db 18 TACAGCGCTGAGCCAC 3  
RESULT 339  
US-09-091-952A-86/C  
Sequence 86, Application US/09091952A  
Patent No. 6458532  
GENERAL INFORMATION:  
APPLICANT: Deterra-Madleigh, Sevilla D.  
Gershon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Esterling, Lisa E.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic  
Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA

ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952A  
FILING DATE: 19-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-OCT-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1...19  
OTHER INFORMATION: D18378 forward primer  
US-09-091-952A-86  
Query Match 1.6%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 635 CTCGTACCCAGGCT 650  
Db 16 CTCGTACCCAGGCT 1  
RESULT 340  
US-09-496-694B-234/C  
Sequence 234, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric R. Swayze  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 234  
LENGTH: 20  
TYPE: DNA  
FEATURE: Artificial Sequence  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-234  
Query Match 1.6%; Score 16; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 CCACGCGCCGCGCTT 899  
DB 20 CCACGCGCCGCGCTT 5

RESULT 341

US-08-222-177A-353/C

Sequence 353, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Demilt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53717-1914

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,177A

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/341,562

FILING DATE: 21-APR-1989

ATTORNEY/AGENT INFORMATION:

NAME: Sara, Charles S.

REGISTRATION NUMBER: 30,492

REFERENCE/DOCKET NUMBER: .09865.601

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 831-2100

TELEFAX: (608) 831-2106

TELEX:

INFORMATION FOR SEQ ID NO: 353:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

IMMEDIATE SOURCE:

CLONE: med11p1

US-08-222-177A-353

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 CAGTGGCGCAATCTTGCT 675  
DB 19 CAGTGGCGCAATCTTGCT 1

RESULT 342

US-08-756-728A-1

Sequence 1, Application US/08756728A

Patent No. 5821354

GENERAL INFORMATION:

APPLICANT: Leclerc, Guy

APPLICANT: Martel, Remi

TITLE OF INVENTION: RADIOLABELLED DNA OLIGONUCLEOTIDE, METHOD

OF PREPARATION AND THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/756,728A

FILING DATE: 26-NOV-1996

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 1398-1-001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "PRIMER"

HYPOTHETICAL: NO

US-08-756-728A-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTATTTTTTTT 445  
DB 1 TTTTATTATTATTTTTTTT 19

RESULT 343

US-08-117-952-623/C

Sequence 623, Application US/08117952

Patent No. 5851760

GENERAL INFORMATION:

APPLICANT: Evans, Glen A.

APPLICANT: Smith, Michael W.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE

TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES

NUMBER OF SEQUENCES: 797

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark

STREET: 444 South Flower Street, Suite 2000

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/117,952

FILING DATE: 07-SEP-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/078,471

```
/ FILING DATE: 15-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Reiter, Stephen E.
/ REGISTRATION NUMBER: 31,192
/ REFERENCE/DOCKET NUMBER: P41 9423
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-546-4737
/ TELEFAX: 619-546-9392
/ INFORMATION FOR SEQ ID NO: 623:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Oligonucleotide
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-08-117-952-623

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      637 CTGTCACCGAGCTGAGT 655
DB      19 CTGTCACCGAGCTGAGT 1

RESULT 344
US-08-469-852A-2
/ Sequence 2, Application US/08469852A
/ Patent No. 5874213
/ GENERAL INFORMATION:
/ APPLICANT: Cummins, Lendell L.
/ APPLICANT: Freiler, Susan M.
/ APPLICANT: Grifley, Richard
/ APPLICANT: Srivatsa, Susan G.
/ TITLE OF INVENTION: Capillary Electrophoretic Detection of
/ TITLE OF INVENTION: Nucleic Acids
/ NUMBER OF SEQUENCES: 4
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5874213tris LLP
/ STREET: One Liberty Place - 46th floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/469,852A
/ FILING DATE: 06-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/295,509
/ FILING DATE: 24-AUG-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Michael P. Straher
/ REGISTRATION NUMBER: 38,325
/ REFERENCE/DOCKET NUMBER: ISIS-2015
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-469-852A-2
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 345
US-08-271-882B-16
/ Sequence 16, Application US/08271882B
/ Patent No. 6017696
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Heller
/ APPLICANT: Eugene Tu
/ APPLICANT: Glen A. Evans
/ APPLICANT: Ronald G. Sosnowski
/ TITLE OF INVENTION: SELF-ASSEMBLING
/ TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
/ TITLE OF INVENTION: DEVICES FOR
/ TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
/ TITLE OF INVENTION: AND DIAGNOSTICS
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: storage
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: Wordperfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/271,882B
/ FILING DATE: July 7, 1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/146,504
/ FILING DATE: No. 6017696ember 1, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murphy, David B.
/ REGISTRATION NUMBER: 31,125
/ REFERENCE/DOCKET NUMBER: 207/263
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TRLX: 67-3510
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19
/ TYPE: nucleic
/ TYPE: acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-271-882B-16

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 346
```

US-08-295-509B-2  
; Sequence 2, Application US/08295509B  
; Patent No. 6045995  
; GENERAL INFORMATION:  
; APPLICANT: Cummings, Lendell L.  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Griffee, Richard  
; APPLICANT: Sriwatsa, Susan G.  
; TITLE OF INVENTION: Capillary Electrophoretic Detection of  
; TITLE OF INVENTION: Nucleic Acids  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995x15  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/295,509B  
; FILING DATE: 24-AUG-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Michael P. Straher  
; REGISTRATION NUMBER: 38,325  
; REFERENCE/DOCKET NUMBER: ISIS-1395  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-295-509B-2

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 347  
US-09-234-237-1  
; Sequence 1, Application US/09234237  
; Patent No. 6127124  
; GENERAL INFORMATION:  
; APPLICANT: Leeds, Janet M  
; APPLICANT: Cummings, Lendell L  
; TITLE OF INVENTION: Fluorescence Based Nuclease Assay  
; FILE REFERENCE: ISIS3308  
; CURRENT APPLICATION NUMBER: US/09/234,237  
; CURRENT FILING DATE: 1999-01-20  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6127124e1  
US-09-234-237-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 348  
US-09-016-520-20  
; Sequence 20, Application US/09016520A  
; Patent No. 6127533  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/016,520A  
; CURRENT FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 60/037,143  
; EARLIER FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-20

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 349  
US-09-016-520-21  
; Sequence 21, Application US/09016520A  
; Patent No. 6127533  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/016,520A  
; CURRENT FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 60/037,143  
; EARLIER FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-21

OTHER INFORMATION: Sequence  
US-09-016-520-21

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 350  
US-09-016-520-22  
Sequence 22, Application US/09016520A

Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 22  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(19)  
OTHER INFORMATION: 2'-methoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-22

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 351  
US-09-016-520-23  
Sequence 23, Application US/09016520A

Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)

OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Sequence  
US-09-016-520-23

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 352  
US-09-016-520-24  
Sequence 24, Application US/09016520A

Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 24  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-24

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 353  
US-09-016-520-25  
Sequence 25, Application US/09016520A

Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 25  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence

```
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-O-propyl
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-25

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 354
US-09-016-520-26
/ Sequence 26, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 355
US-09-016-520-27
/ Sequence 27, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 27
```

```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-27

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 356
US-09-016-520-31
/ Sequence 31, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-31

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 357
US-09-016-520-33
/ Sequence 33, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER FILING DATE: 1997-02-14
```

```
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO: 13
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-33
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
      ||||| ||||| |||||
DB 1 TTTTATTTTATTTT 19
```

RESULT 358  
US-09-016-520-34

```
/ Sequence 34, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ CURRENT FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-34
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
      ||||| ||||| |||||
DB 1 TTTTATTTTATTTT 19
```

RESULT 359  
US-09-016-520-44

```
/ Sequence 44, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
```

```
/ CURRENT FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 44
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-09-016-520-44
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
      ||||| ||||| |||||
DB 1 TTTTATTTTATTTT 19
```

RESULT 360  
US-08-757-223-11/C

```
/ Sequence 11, Application US/08757223
/ Patent No. 6136530
/ GENERAL INFORMATION:
/ APPLICANT: Poduslo, Shirley E.
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Locke Purnell Rain Harrell
/ STREET: 2200 Ross Avenue, Suite 2200
/ CITY: Dallas
/ STATE: Texas
/ ZIP: 75201-6776
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/757,223
/ FILING DATE: No. 6136530ember 27, 1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mayfield, Denise L.
/ REFERENCE/DOCKET NUMBER: 4-003US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 214/740-8785
/ TELEFAX: 214/740-8800
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-757-223-11
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 389 AAAGTCTGGGATTACAG 407
      ||||| ||||| |||||
DB 19 AAAGTCTGGGATTACAG 1
```

RESULT 361  
US-08-757-223-12/c  
Sequence 12, Application US/08757223  
Patent No. 6136330  
GENERAL INFORMATION:  
APPLICANT: Poduslo, Shirley E.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK  
TITLE OF INVENTION: FACTORS IN ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Locke Purnell Rain Harrell  
STREET: 2200 Ross Avenue, Suite 2200  
CITY: Dallas  
STATE: Texas  
ZIP: 75201-6776  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/757,223  
FILING DATE: No. 613630eember 27, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REFERENCE/DOCKET NUMBER: 4-003US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 214/740-8785  
TELEFAX: 214/740-8800  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-757-223-12

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 697 GGTCAAGTTATTCCTG 715  
DB 19 GGTCAAGCATTCTCTG 1

RESULT 362  
US-09-378-568-4  
Sequence 4, Application US/09378568  
Patent No. 6147200  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Fraser, Allister S  
APPLICANT: Prakash, Thatha P  
TITLE OF INVENTION: 2'-O-acetamid Modified Monomers and Oligomers  
FILE REFERENCE: IS14071  
CURRENT APPLICATION NUMBER: US/09/378,568  
CURRENT FILING DATE: 1999-08-19  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
US-09-378-568-4

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 363  
US-09-130-973-20  
Sequence 20, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thatha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
TITLE OF INVENTION: Making Same  
FILE REFERENCE: IS12955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 20  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-20

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 364  
US-09-130-973-21  
Sequence 21, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thatha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
TITLE OF INVENTION: Making Same  
FILE REFERENCE: IS12955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 21  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-21



Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 365

US-09-130-973-22  
; Sequence 22, Application US/09130973  
; Patent No. 6172209  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Kawaaski, Andrew M  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
; FILE REFERENCE: IS182955  
; CURRENT APPLICATION NUMBER: US/09/130,973  
; CURRENT FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 22  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 2'-O-methoxyethyl (MOE)  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
; OTHER INFORMATION: Sequence  
US-09-130-973-22

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 366

US-09-130-973-23  
; Sequence 23, Application US/09130973  
; Patent No. 6172209  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Kawaaski, Andrew M  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
; FILE REFERENCE: IS182955  
; CURRENT APPLICATION NUMBER: US/09/130,973  
; CURRENT FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 23  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-O-dimethylaminoxyethyl  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
; OTHER INFORMATION: Sequence

## US-09-130-973-23

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 367

US-09-130-973-24  
; Sequence 24, Application US/09130973  
; Patent No. 6172209  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Kawaaski, Andrew M  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
; FILE REFERENCE: IS182955  
; CURRENT APPLICATION NUMBER: US/09/130,973  
; CURRENT FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 24  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-O-methoxyethyl  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
; OTHER INFORMATION: Sequence  
US-09-130-973-24

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 368

US-09-130-973-25  
; Sequence 25, Application US/09130973  
; Patent No. 6172209  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Kawaaski, Andrew M  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
; FILE REFERENCE: IS182955  
; CURRENT APPLICATION NUMBER: US/09/130,973  
; CURRENT FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 25  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-O-propyl  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
; OTHER INFORMATION: Sequence

OTHER INFORMATION: Sequence  
US-09-130-973-25

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTATTATTTT 445  
|||||  
DB 1 TTTTATTATTATTATTTT 19

## RESULT 369

US-09-130-973-26  
Sequence 26, Application US/09130973  
Patent No. 6172209

GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

APPLICANT: Prakash, Thazha P

APPLICANT: Kawasaki, Andrew M

TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For

FILE REFERENCE: ISIS2955

CURRENT APPLICATION NUMBER: US/09/130,973

CURRENT FILING DATE: 1998-08-07

NUMBER OF SEQ ID NOS: 58

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 26

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: (18)

OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl

OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1

OTHER INFORMATION: Sequence

US-09-130-973-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTATTATTTT 445  
|||||  
DB 1 TTTTATTATTATTATTTT 19

RESULT 370  
US-09-130-973-27  
Sequence 27, Application US/09130973  
Patent No. 6172209

GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

APPLICANT: Prakash, Thazha P

APPLICANT: Kawasaki, Andrew M

TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For

FILE REFERENCE: ISIS2955

CURRENT APPLICATION NUMBER: US/09/130,973

CURRENT FILING DATE: 1998-08-07

NUMBER OF SEQ ID NOS: 58

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 27

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: (18)

OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl

OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-27

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTATTATTTT 445  
|||||  
DB 1 TTTTATTATTATTATTTT 19

## RESULT 371

US-09-130-973-31  
Sequence 31, Application US/09130973  
Patent No. 6172209

GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

APPLICANT: Prakash, Thazha P

APPLICANT: Kawasaki, Andrew M

TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For

FILE REFERENCE: ISIS2955

CURRENT APPLICATION NUMBER: US/09/130,973

CURRENT FILING DATE: 1998-08-07

NUMBER OF SEQ ID NOS: 58

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 31

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: (15)..(18)

OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T-2'-DMAOE)

OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1

OTHER INFORMATION: Sequence

US-09-130-973-31

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTATTATTTT 445  
|||||  
DB 1 TTTTATTATTATTATTTT 19

RESULT 372  
US-09-130-973-33  
Sequence 33, Application US/09130973  
Patent No. 6172209

GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

APPLICANT: Prakash, Thazha P

APPLICANT: Kawasaki, Andrew M

TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For

FILE REFERENCE: ISIS2955

CURRENT APPLICATION NUMBER: US/09/130,973

CURRENT FILING DATE: 1998-08-07

NUMBER OF SEQ ID NOS: 58

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 33

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: (16)..(19)

OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-33

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 373  
US-09-130-973-34  
Sequence 34, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: IS182955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 34  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-34

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 374  
US-09-130-973-44  
Sequence 44, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: IS182955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 44  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1

OTHER INFORMATION: Sequence  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 2'-O-methyleneaminoxyethyl thymidine  
US-09-130-973-44

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 375  
US-09-477-902-20  
Sequence 20, Application US/09477902  
Patent No. 6194598  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: IS182824  
CURRENT APPLICATION NUMBER: US/09/477,902  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 09/016,520  
PRIOR FILING DATE: 1998-01-30  
PRIOR APPLICATION NUMBER: 60/037,143  
PRIOR FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 20  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-477-902-20

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 376  
US-09-477-902-21  
Sequence 21, Application US/09477902  
Patent No. 6194598  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: IS182824  
CURRENT APPLICATION NUMBER: US/09/477,902  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 09/016,520  
PRIOR FILING DATE: 1998-01-30  
PRIOR APPLICATION NUMBER: 60/037,143  
PRIOR FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 21

```

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-21
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```

RESULT 377
US-09-477-902-22
; Sequence 22, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: IS182824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-22
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```

RESULT 378
US-09-477-902-23
; Sequence 23, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: IS182824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
```

```

; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-23
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```

RESULT 379
US-09-477-902-24
; Sequence 24, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: IS182824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-24
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```

RESULT 380
US-09-477-902-25
; Sequence 25, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
```

```
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-25
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 381
US-09-477-902-26
Sequence 26, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
US-09-477-902-26
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 382  
US-09-477-902-27  
Sequence 27, Application US/09477902  
Patent No. 6194598

```
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-27
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 383
US-09-477-902-31
Sequence 31, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 31
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
OTHER INFORMATION: Sequence
US-09-477-902-31
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 384
US-09-477-902-33
; Sequence 33, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-33

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 385
US-09-477-902-34
; Sequence 34, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-34

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 386
US-09-477-902-44
; Sequence 44, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-09-477-902-44

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 387
US-08-726-278-16
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16

Query Match          1.6%; Score 15.8; DB 1; Length 19;
```

Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 388

US-09-338-907-515  
; Sequence 515, Application US/09338907  
; Patent No. 6265546  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Ilyu, Chumakov  
; APPLICANT: Bougueterec, Lydie  
; TITLE OF INVENTION: PROSTATE CANCER GENE  
; FILE REFERENCE: GENSET.18CP1CP  
; CURRENT APPLICATION NUMBER: US/09/338,907  
; CURRENT FILING DATE: 1999-06-23  
; EARLIER APPLICATION NUMBER: 08/996,306  
; EARLIER FILING DATE: 1997-12-22  
; EARLIER APPLICATION NUMBER: 60/099,658  
; EARLIER FILING DATE: 1998-09-09  
; EARLIER APPLICATION NUMBER: 09/218,207  
; EARLIER FILING DATE: 1998-12-22  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patent.pm  
; SEQ ID NO 515  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURES:  
; NAME/KEY: misc\_feature  
; LOCATION: 1..19  
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
US-09-338-907-515

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 389

US-09-123-108-6  
; Sequence 6, Application US/09123108  
; Patent No. 6271358  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Mohan, Venkatraman  
; APPLICANT: Boswell, Herb  
; TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE  
; FILE REFERENCE: IS15-3147 sequence listing  
; CURRENT APPLICATION NUMBER: US/09/123,108  
; CURRENT FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6271358el sequence  
US-09-123-108-6

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 390

US-09-378-665A-5  
; Sequence 5, Application US/09378665A  
; Patent No. 6277982  
; GENERAL INFORMATION:  
; APPLICANT: Frazer, Allister S.  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Jung, Michael E.  
; APPLICANT: Kawasaki, Andrew M.  
; TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their  
; Derivatives by Cyclic Sulfate Intermediates  
; FILE REFERENCE: IS154072  
; CURRENT APPLICATION NUMBER: US/09/378,665A  
; CURRENT FILING DATE: 1999-08-20  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6277982el Sequence  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-modified T  
US-09-378-665A-5

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

## RESULT 391

US-09-202-294-4  
; Sequence 4, Application US/09202294  
; Patent No. 6328519  
; GENERAL INFORMATION:  
; APPLICANT: Collingwood, Stephen P.  
; APPLICANT: Moser, Heinz E.  
; APPLICANT: Altmann, Karl-Heinz  
; APPLICANT: Douglas, Mark B.  
; TITLE OF INVENTION: Intermediates for oligonucleotides  
; FILE REFERENCE: 4-20900/A/MA2134/PCT  
; CURRENT APPLICATION NUMBER: US/09/202,294  
; CURRENT FILING DATE: 1999-03-15  
; EARLIER APPLICATION NUMBER: PCT/GB97/01490  
; EARLIER FILING DATE: 1997-06-03  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-09-202-294-4

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 392  
US-09-218-207-515

/ Sequence 515, Application US/09218207  
/ Patent No. 6346381  
/ GENERAL INFORMATION:  
/ APPLICANT: Cohen, Daniel  
/ APPLICANT: Blumenfeld, Martha  
/ APPLICANT: Ilye, Chumakov  
/ APPLICANT: Bougueleret, Lydie  
/ TITLE OF INVENTION: Prostate cancer gene  
/ FILE REFERENCE: GENSET 018CP1  
/ CURRENT APPLICATION NUMBER: US/09/218,207  
/ CURRENT FILING DATE: 1998-12-22  
/ EARLIER APPLICATION NUMBER: 08/996,306  
/ EARLIER FILING DATE: 1997-12-22  
/ EARLIER APPLICATION NUMBER: 60/099,658  
/ EARLIER FILING DATE: 1998-09-09  
/ NUMBER OF SEQ ID NOS: 578  
/ SOFTWARE: Patent.pm  
/ SEQ ID NO 515  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Homo Sapiens  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ LOCATION: 1..19  
/ OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
US-09-218-207-515

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 393  
US-09-357-740-2

/ Sequence 2, Application US/09357740  
/ Patent No. 6348596  
/ GENERAL INFORMATION:  
/ APPLICANT: Lee, Linda G.  
/ APPLICANT: Graham, Ronald J.  
/ APPLICANT: Mullah, Khaluzaman B.  
/ APPLICANT: Haxo, Francis T.  
/ TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS  
/ FILE REFERENCE: 9584-007  
/ CURRENT APPLICATION NUMBER: US/09/357,740  
/ CURRENT FILING DATE: 1999-07-20  
/ EARLIER APPLICATION NUMBER: 09/012,525  
/ EARLIER FILING DATE: 1998-01-23  
/ NUMBER OF SEQ ID NOS: 22  
/ SOFTWARE: Patentin Ver. 2.0  
/ SEQ ID NO 2  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-357-740-2

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 204 GGTCAGGCTGCTCGAAC 222

Db 1 GGCACGCTGCTCGAAC 19  
|||||

RESULT 394  
US-09-303-586-15

/ Sequence 15, Application US/09303586  
/ Patent No. 6369209  
/ GENERAL INFORMATION:  
/ APPLICANT: Manoharan, Muthiah  
/ APPLICANT: Mohan, Venkataran  
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
/ FILE REFERENCE: IS183310  
/ CURRENT APPLICATION NUMBER: US/09/303,586  
/ CURRENT FILING DATE: 1999-05-03  
/ NUMBER OF SEQ ID NOS: 34  
/ SOFTWARE: Patentin version 3.0  
/ SEQ ID NO 15  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: Oligonucleotide  
/ NAME/KEY: misc\_feature  
/ LOCATION: (16)..(17)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (17)..(18)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (18)..(19)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
US-09-303-586-15

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTTATTTT 445  
|||||  
Db 1 TTTTATTTTATTTT 19

RESULT 395  
US-09-303-586-16

/ Sequence 16, Application US/09303586  
/ Patent No. 6369209  
/ GENERAL INFORMATION:  
/ APPLICANT: Manoharan, Muthiah  
/ APPLICANT: Mohan, Venkataran  
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
/ FILE REFERENCE: IS183310  
/ CURRENT APPLICATION NUMBER: US/09/303,586  
/ CURRENT FILING DATE: 1999-05-03  
/ NUMBER OF SEQ ID NOS: 34  
/ SOFTWARE: Patentin version 3.0  
/ SEQ ID NO 16  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: Oligonucleotide  
/ NAME/KEY: misc\_feature  
/ LOCATION: (16)..(17)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (17)..(18)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (18)..(19)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
US-09-303-586-16



US-09-303-586-16

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 396

US-09-303-586-17  
Sequence 17, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 17  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (15)-(16)  
OTHER INFORMATION: sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 3' - O-MOE linkage

US-09-303-586-17

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 397

US-09-303-586-18  
Sequence 18, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 18  
LENGTH: 19  
TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (15)-(16)  
OTHER INFORMATION: sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 2' - O-MOE

US-09-303-586-18

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 398

US-09-303-586-26  
Sequence 26, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 2'-modified T linkage

US-09-303-586-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

```
RESULT 399
US-09-227-782-1
; Sequence 1, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-1

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 400
US-09-227-782-2
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-2

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 401
```

```
US-09-227-782-3
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-3

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 402
US-09-227-782-4
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-4

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 403
US-09-227-782-5
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```
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-5

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 404
US-09-227-782-6
; Sequence 6, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-6

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 405
US-09-227-782-7
; Sequence 7, Application US/09227782
```

```
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 406
US-09-227-782-8
; Sequence 8, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-8

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 407
US-09-227-782-12
; Sequence 12, Application US/09227782
; Patent No. 6403779
```

```

; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-12

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 408
US-09-227-782-14
; Sequence 14, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-14

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 409
US-09-227-782-15
; Sequence 15, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:

```

```

; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-15

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 410
US-09-227-782-25
; Sequence 25, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-25

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 411
US-09-619-103-25/C
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus

```

```
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 19 TTTTATTTTATTTT 1
```

```
RESULT 412
US-09-288-679-1
Sequence 1, Application US/09288679
GENERAL INFORMATION:
APPLICANT: Ravikumar, Vasulunga
APPLICANT: Manoharan, Muthia
APPLICANT: Capaldi, Daniel
APPLICANT: Krotz, Achim
APPLICANT: Cole, Douglas
APPLICANT: Guzaev, Andrei
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds
FILE REFERENCE: ISIS3180
CURRENT APPLICATION NUMBER: US/09/288,679
CURRENT FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: No. 6465628e1 Sequence
US-09-288-679-1
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 413
US-09-918-686-92/C
Sequence 92, Application US/09918686
Patent No. 6475739
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Prohl, Sean
APPLICANT: Paepfer, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
```

```
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 92
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-918-686-92
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1056 CCACACCGCGTATTTT 1074
DB 19 CCACACCGCGCATTTT 1
```

```
RESULT 414
US-09-612-531-3
Sequence 3, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatarman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: IS18-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc feature
LOCATION: (16)-(19)
OTHER INFORMATION: T*2'-O-[2-(guanidinium)ethyl]
US-09-612-531-3
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 415
US-09-612-531-7
Sequence 7, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatarman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: IS18-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
```

```

; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
Db

RESULT 416
US-09-612-531-13
; Sequence 13, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-13

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
Db

RESULT 417
US-09-060-299-157/c
; Sequence 157, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
```

```

; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPC)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-157

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      993 CCCGGGCTCAAGCATTC 1011
      19 CCGGGTTCAGCATTC 1
Db

RESULT 418
US-09-060-299-242/c
; Sequence 242, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
```

CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-242

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 CACCACGCTGCTAATTT 769  
DB 19 CACCATGCTGCTAATTT 1

RESULT 419  
US-10-121-135-5  
Sequence 5, Application US/10121135  
Patent No. 6552178  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides  
FILE REFERENCE: ISIS-5036  
CURRENT APPLICATION NUMBER: US/10/121,135  
CURRENT FILING DATE: 2002-04-11  
PRIOR APPLICATION NUMBER: 09/370,625  
PRIOR FILING DATE: 1999-08-06  
PRIOR APPLICATION NUMBER: 09/130,566  
PRIOR FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-modified T  
US-10-121-135-5  
Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 420  
US-10-121-135-26  
Sequence 26, Application US/10121135  
Patent No. 6552178  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides  
FILE REFERENCE: ISIS-5036  
CURRENT APPLICATION NUMBER: US/10/121,135  
CURRENT FILING DATE: 2002-04-11  
PRIOR APPLICATION NUMBER: 09/370,625  
PRIOR FILING DATE: 1999-08-06  
PRIOR APPLICATION NUMBER: 09/130,566  
PRIOR FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2  
US-10-121-135-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 421  
US-09-402-923A-157/C  
Sequence 157, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Casey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Globe Road, Eighth floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 157:  
US-09-402-923A-157

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 993 CCGGGCTCAGGCTATTCT 1011  
DB 19 CCGGGCTCAGGCTATTCT 1

RESULT 422  
US-09-402-923A-242/C  
Sequence 242, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Caeskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 242:  
US-09-402-923A-242

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 CACCAAGCTTACTTAATT 769  
DB 19 CACCAAGCTTACTTAATT 1

RESULT 423  
US-09-142-212A-10  
Sequence 10, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
PRIOR FILING DATE: 1998-10-09  
PRIOR APPLICATION NUMBER: 97/00499  
PRIOR FILING DATE: 1997-02-24  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO: 10  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
NAME/KEY: misc\_feature  
LOCATION: (16)..(18)  
OTHER INFORMATION: Modified internucleoside linkage  
US-09-142-212A-10

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 424  
US-09-349-040A-3  
Sequence 3, Application US/09349040A  
Patent No. 6593466  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
Cook, Phillip Dan



```
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-3
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
RESULT 425
US-09-349-040A-4
; Sequence 4, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-4
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
RESULT 426
US-09-349-040A-5
; Sequence 5, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-5
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
RESULT 427
US-09-409-926-17
; Sequence 17, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human Rhase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: ISIS4186
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-17
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
RESULT 428
US-09-409-926-18
; Sequence 18, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human Rhase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: ISIS4186
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Oligonucleotide
; OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-18
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 429  
US-10-123-597-1

; Sequence 1, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)

; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy

US-10-123-597-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 430  
US-10-123-597-2

; Sequence 2, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 431  
US-10-123-597-3

; Sequence 3, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 3

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)

; OTHER INFORMATION: 2'-methoxyethoxy

US-10-123-597-3

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 432  
US-10-123-597-4

; Sequence 4, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

```
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```
RESULT 433
US-10-123-597-5
Sequence 5, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```
RESULT 434
US-10-123-597-6
Sequence 6, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
```

```
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```
RESULT 435
US-10-123-597-7
Sequence 7, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7
```

```
Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
          1 TTTTATTTTATTTT 19
```

```
RESULT 436
US-10-123-597-8
Sequence 8, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
```

```

; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy 427 TTTTATTTTATTTT 445
      |||||
      1 TTTTATTTTATTTT 19
```

```

RESULT 437
US-10-123-597-12
```

```

; Sequence 12, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy 427 TTTTATTTTATTTT 445
      |||||
      1 TTTTATTTTATTTT 19
```

```

RESULT 438
US-10-123-597-14
```

```

; Sequence 14, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
```

```

; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy 427 TTTTATTTTATTTT 445
      |||||
      1 TTTTATTTTATTTT 19
```

```

RESULT 439
US-10-123-597-15
```

```

; Sequence 15, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy 427 TTTTATTTTATTTT 445
      |||||
      1 TTTTATTTTATTTT 19
```

```

RESULT 440
US-10-123-597-25
```

```

; Sequence 25, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
```

```

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-methyleneminoxyethoxy
US-10-123-597-25
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```

RESULT 441
US-09-349-033A-1
; Sequence 1, Application US/09349033A
; Patent No. 6639061
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/09/349,033A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-349-033A-1
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```

RESULT 442
US-09-435-806-6
; Sequence 6, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinoso, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4289
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
```

```

; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```

RESULT 443
US-10-098-816-15
; Sequence 15, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venktraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)-(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)-(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      427 TTTTATTTTATTTT 445
          ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```

RESULT 444
US-10-098-816-16
; Sequence 16, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
```

```

; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
; US-10-098-816-16

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```

```

RESULT 445
US-10-098-816-17
; Sequence 17, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:

```

```

; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
; US-10-098-816-17

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```

```

RESULT 446
US-10-098-816-18
; Sequence 18, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
; US-10-098-816-18

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```

Db 1 TTTT TTTT TTTT TTTT TTTT 19

## RESULT 447

US-10-098-816-26  
Sequence 26, Application US/10098816  
Patent No. 6737520  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
FILE REFERENCE: IS183310  
CURRENT APPLICATION NUMBER: US/10/098,816  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Oligonucleotide  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 2'-modified T linkage  
US-10-098-816-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445

Db 1 TTTT TTTT TTTT TTTT TTTT 19

## RESULT 448

US-09-038-637-142/C  
Sequence 142, Application US/09038637  
Patent No. 6235470  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
NUMBER OF SEQUENCES: 195  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastrSeq for Windows Version 2.0b

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,637  
FILING DATE: 10-MAR-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/579,233  
FILING DATE: 28-DEC-1995  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Hallie, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/146001  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 142:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-09-038-637-142

Query Match 1.6%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1120 CTGAACCTCCTGACCTC 1136

Db 18 CTGAACCTCCTGACCTC 2

## RESULT 449

US-09-322-357-34/C  
Sequence 34, Application US/09322357  
Patent No. 6593104  
GENERAL INFORMATION:  
APPLICANT: STONE, EDWIN M.  
TITLE OF INVENTION: SHELFIELD, VAL C.  
FILE REFERENCE: UIA-018,03  
CURRENT APPLICATION NUMBER: US/09/322,357  
CURRENT FILING DATE: 1999-05-28  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 34  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-322-357-34

Query Match 1.6%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 971 CCGCTCACTGCAACCTC 987

Db 18 CAGCTCACTGCAACCTC 2

## RESULT 450

US-08-292-620A-350  
Sequence 350, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McGWiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper

```

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-292-620A-350
;
Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGA 739
DB 1 CCUGAGUAGCUGGGA 15

RESULT 451
US-09-071-845-350
; Sequence 350, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-350
;
Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGA 739
DB 1 CCUGAGUAGCUGGGA 15

RESULT 452
US-09-081-646-23
; Sequence 23, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FaastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-23

```



Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 198 CATGTTGCTCAGCT 212  
DB 1 CATGTTGCTCAGCT 15

## RESULT 453

US-09-479-005A-185/C  
; Sequence 185, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; PRIOR FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 185  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-185

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTATTT 609  
DB 15 TTTTATTTTATTT 1

## RESULT 454

US-09-479-005A-268  
; Sequence 268, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; PRIOR FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 268  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-268

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 33.3%; Pred. No. 2.7e+02;  
Matches 5; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

QY 1066 CTAATTTTGTATTT 1080  
DB 2 CTAATTTTGTATTT 16

RESULT 455  
US-09-358-972-252/C  
; Sequence 252, Application US/09358972  
; Patent No. 6235480

; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Liepe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Olson, Ryan J.  
; APPLICANT: Wood, Keith W.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Nucleic Acid Detection  
; FILE REFERENCE: Pro-103 6868/75528  
; CURRENT APPLICATION NUMBER: US/09/358,972  
; PRIOR FILING DATE: 1999-07-22  
; PRIOR APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 290  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 252  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2  
US-09-358-972-252

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTCACCCAGGC 649  
DB 15 CTCTGTCACCCAGGC 1

RESULT 456  
US-09-383-316-88/C  
; Sequence 88, Application US/09383316  
; Patent No. 6391551

; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Liepe, Donna  
; APPLICANT: Mandrekas, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Olson, Ryan J.  
; APPLICANT: Wood, Keith W.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Nucleic Acid Detection  
; FILE REFERENCE: Pro-104 6868/75529  
; CURRENT APPLICATION NUMBER: US/09/383,316  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/252,436  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: 09/042,287  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 09/358,972

PRIOR FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 123  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 88  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: probe to Alu2  
US-09-383-316-88

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTCACCCAGC 649  
DB 15 CTCTGTCACCCAGC 1

RESULT 457  
US-09-790-417-252/C  
Sequence 252, Application US/09790417  
Patent No. 6730479  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Liepe, Donna  
APPLICANT: Mandrekar, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Gu, Trent  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: Pro-103 6868/75528  
CURRENT FILING DATE: 2001-02-22  
CURRENT APPLICATION NUMBER: US/09/790,417  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/042,287  
PRIOR FILING DATE: 1998-03-13  
NUMBER OF SEQ ID NOS: 290  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 252  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: probe to Alu2  
US-09-790-417-252

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTCACCCAGC 649  
DB 15 CTCTGTCACCCAGC 1

RESULT 458  
US-09-630-706-92  
Sequence 92, Application US/09630706  
Patent No. 6277640  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
FILE REFERENCE: RTS-0053  
CURRENT APPLICATION NUMBER: US/09/630,706  
CURRENT FILING DATE: 2000-08-01  
NUMBER OF SEQ ID NOS: 94  
SEQ ID NO 92  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-92

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1116 TGGTCTCAACTCCT 1130  
DB 1 TGGTCTCAACTCCT 15

RESULT 459  
PCT-US91-03680-74  
Sequence 74, Application PC/TUS9103680  
GENERAL INFORMATION:  
APPLICANT: Matteucci, Mark D.  
APPLICANT: Krawczyk, Steven  
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED  
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF  
NUMBER OF SEQUENCES: 158  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Morrison & Foerster  
STREET: 545 Middlefield Road, Suite 200  
CITY: Menlo Park  
STATE: California  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/03680  
FILING DATE: 19910524  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 4610-0011.40  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-327-7250  
TELEFAX: 415-327-2951  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 5  
OTHER INFORMATION: /mod\_base= OTHER  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 18  
OTHER INFORMATION: /mod\_base= OTHER  
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"  
PCT-US91-03680-74

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 3.1e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 428 TTTTATTATTTT 444  
|||||  
1 TTTTMTTTT 17

Db

RESULT 460  
US-08-063-167A-4/C  
; Sequence 4, Application US/08063167A  
; Patent No. 5514788  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/063,167A  
; FILING DATE: 19930517  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-063-167A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCTCTGCTCAGCCTC 550  
|||||  
18 TCTCTCCAGCCTCAGCCTC 1

Db

RESULT 461

US-08-007-997A-4/C

; Sequence 4, Application US/08007997A  
; Patent No. 5591623  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 82  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5591623r1s  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/007,997A  
; FILING DATE: 19930121  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0709  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-007-997A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCTCTGCTCAGCCTC 550  
|||||  
18 TCTCTCCAGCCTCAGCCTC 1

Db

RESULT 462  
US-08-621-914A-16  
; Sequence 16, Application US/08621914A  
; Patent No. 5707807  
; GENERAL INFORMATION:  
; APPLICANT: KATO, KIKUYA  
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
; TITLE OF INVENTION: ANALYSIS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PENNIE & EDMONDS  
; STREET: 1155 AVENUE OF THE AMERICAS  
; CITY: NEW YORK  
; STATE: NY

COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/06/621,914A  
FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-06-621-914A-16

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18

RESULT 463  
US-08-346-429-3/C  
Sequence 3, Application US/08346429  
Patent No. 5837820  
GENERAL INFORMATION:  
APPLICANT: Derose, Richard  
APPLICANT: Douce, Roland  
APPLICANT: Duval, Manuel  
APPLICANT: Job, Claudette  
APPLICANT: Job, Dominique  
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN  
TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/346,429  
FILING DATE: 29-NOV-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: DiGiilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 9507  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-346-429-3

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 18 TTTTATTTT 1

RESULT 464  
US-08-440-740A-4/C  
Sequence 4, Application US/08440740A  
Patent No. 5843738  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabeili  
TITLE OF INVENTION: Oligonucleotide Modulation  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/440,740A  
FILING DATE: May 12, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear

ANTI-SENSE: Yes  
US-08-440-740A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 533 TCCTCTGCTGCTGCTC 550  
Db 18 TCCTCCACCTGCTC 1

RESULT 465  
US-08-358-556A-12  
Sequence 12, Application US/08358556A  
Patent No. 5869643  
GENERAL INFORMATION:  
APPLICANT: Chatelein, Francois  
APPLICANT: Kumarev, Viktor  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
TITLE OF INVENTION: Implementation  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-358-556A-12

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 445  
Db 1 TTTTATTTT 18

RESULT 466  
US-08-358-556A-18/C  
Sequence 18, Application US/08358556A  
Patent No. 5869643  
GENERAL INFORMATION:  
APPLICANT: Chatelein, Francois  
APPLICANT: Kumarev, Viktor  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
TITLE OF INVENTION: Implementation  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-358-556A-18

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 445  
Db 18 TTTTATTTT 1

RESULT 467  
US-08-469-852A-4  
Sequence 4, Application US/08469852A  
Patent No. 5874213  
GENERAL INFORMATION:  
APPLICANT: Cummins, Lendell L.  
APPLICANT: Freiler, Susan M.  
APPLICANT: Grilley, Richard  
APPLICANT: Sivasubra, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
TITLE OF INVENTION: Nucleic Acids  
NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213rls LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,852A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/295,509  
FILING DATE: 24-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-852A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18

RESULT 468  
US-08-344-155C-4/C  
Sequence 4, Application US/08344155C  
Patent No. 5883082  
GENERAL INFORMATION:  
APPLICANT: Bennett and Stepkowski  
TITLE OF INVENTION: Compositions and Methods for Preventing  
TITLE OF INVENTION: and Treating Allergenic Rejection  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/344,155C  
FILING DATE: No. 5883082ember 23, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209

FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/063,167  
FILING DATE: 5/17/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/007,997  
FILING DATE: 1/21/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/939,855  
FILING DATE: 9/2/92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/567,286  
FILING DATE: 8/14/90  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0098  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-344-155C-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCCTGCTCAGCCTC 550  
DB 18 TCCTCCTCAGCCTC 1

RESULT 469  
US-08-403-888A-120/C  
Sequence 120, Application US/08403888A  
Patent No. 5952490  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
TITLE OF INVENTION: Sequence  
NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490rls LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/403,888A  
FILING DATE: 12-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/954,185  
FILING DATE: 29-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 120:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-403-888A-120

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCCAGCTCAGCCTC 1

RESULT 470  
US-08-982-845B-4/C  
Sequence 4, Application US/08982845B  
Patent No. 6015894  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli;  
TITLE OF INVENTION: Oligonucleotide Modulation  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Matilton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/982,845B  
FILING DATE: December 2, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0243  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

ANTI-SENSE: Yes  
US-08-982-845B-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCCAGCTCAGCCTC 1

RESULT 471  
US-08-295-509B-4  
Sequence 4, Application US/08295509B  
Patent No. 6045995  
GENERAL INFORMATION:  
APPLICANT: Cummine, Lendell L.  
APPLICANT: Freier, Susan M.  
APPLICANT: Grilley, Richard  
APPLICANT: Sivatsa, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995r1s  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/295,509B  
FILING DATE: 24-AUG-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-1395  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-295-509B-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 18

RESULT 472  
US-08-884-029-9  
Sequence 9, Application US/08884029  
Patent No. 6071745  
GENERAL INFORMATION:  
APPLICANT: Lin, Chung-I Patsy  
APPLICANT: Wallace, Robert Bruce  
APPLICANT: Cosman, Jeffrey  
APPLICANT: French, Cynthia

TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
TITLE OF INVENTION: to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/884,029  
FILING DATE: 27-JUN-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02558B-059100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
OTHER INFORMATION: /note= "at positions 13-18 may be  
OTHER INFORMATION: present or absent"  
US-08-884-029-9  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18  
RESULT 473  
US-08-991-525B-4/C  
Sequence 4, Application US/08991525B  
Patent No. 6093811  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991,525B

FILING DATE: December 16, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: 1SPH-0247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (856) 810-1515  
TELEFAX: (856) 810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-991-525B-4  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCTCAGCTCAGCCTC 1  
RESULT 474  
US-09-085-759-4/C  
Sequence 4, Application US/09085759  
Patent No. 6096722  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
Brenda Baker  
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
TITLE OF INVENTION: Molecule-Associated Diseases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085,759  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:



APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
FILING DATE: January 20, 1993  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0311  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-085-759-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCTGAGCCTC 550  
Db 18 TCCTCCACCTCAGCCTC 1

RESULT 475  
US-08-941-445A-30/C  
Sequence 30, Application US/08941445A  
Patent No. 6107060  
GENERAL INFORMATION:  
APPLICANT: Keeling, Peter  
APPLICANT: Guan, Hanning  
TITLE OF INVENTION: Starch Encapsulation  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.  
STREET: 5370 Manhattan Circle  
CITY: Boulder  
STATE: CO  
COUNTRY: US  
ZIP: 80303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/941,445A  
FILING DATE: 30-SEP-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/026,855  
FILING DATE: 30-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Winner, Ellen P  
REGISTRATION NUMBER: 28,547

REFERENCE/DOCKET NUMBER: 89-97  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 499-8080  
TELEFAX: (303) 499-8089  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: not relevant  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
US-08-941-445A-30

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTATTTT 445  
Db 18 TTTTATTTT 1

RESULT 476  
US-09-128-496-4/C  
Sequence 4, Application US/09128496  
Patent No. 6169079  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/128,496  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18

TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-128-496-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCCTGCTCAGCCTC 550  
DB 18 TCTCCACCTCAGCCTC 1

RESULT 477  
US-09-018-584A-146/c  
Sequence 146, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 146:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-09-018-584A-146

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 TCTGTACCCAGGCTGA 653  
DB 18 TTTGTACCCAGGCTGA 1

RESULT 478  
US-09-009-490A-4/c  
Sequence 4, Application US/09009490A  
Patent No. 6300491  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation

TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Office of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,490A  
FILING DATE: January 20, 1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: 1SPH-0268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-009-490A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCCTGCTCAGCCTC 550  
DB 18 TCTCCACCTCAGCCTC 1

RESULT 479  
US-09-545-225-9  
Sequence 9, Application US/09545225  
Patent No. 6410321  
GENERAL INFORMATION:  
APPLICANT: Lin, Ching-I Patsy  
Wallace, Robert Bruce  
Cosman, Jeffrey  
French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/545,225  
FILING DATE: 07-Apr-2000  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/884,029  
FILING DATE: 27-JUN-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02558B-059100US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "t at positions 13-18 may be present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-545-225-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 480  
US-09-619-103-24/C  
Sequence 24, Application US/09619103  
Patent No. 6429300  
GENERAL INFORMATION:  
APPLICANT: Kurtz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/09/619,103  
CURRENT FILING DATE: 2000-07-15  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-24

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445  
Db 18 TTTTATTTTATTTT 1

RESULT 481  
US-09-370-541-14  
Sequence 14, Application US/09370541  
Patent No. 6639062  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric  
FILE REFERENCE: ISI33993  
CURRENT APPLICATION NUMBER: US/09/370,541  
CURRENT FILING DATE: 1999-08-09  
EARLIER APPLICATION NUMBER: 09/130,973  
EARLIER FILING DATE: 1998-08-07  
EARLIER APPLICATION NUMBER: 09/016,520  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
EARLIER APPLICATION NUMBER: 09/344,260  
EARLIER FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 14  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: sequence  
US-09-370-541-14

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 482  
US-10-125-295-9  
Sequence 9, Application US/10125295  
Patent No. 6686460  
GENERAL INFORMATION:  
APPLICANT: Lin, Ching-I Patsy  
APPLICANT: Wallace, Robert Bruce  
APPLICANT: Cosman, Jeffrey  
APPLICANT: French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/10/125,295
;   FILING DATE: 17-Apr-2002
;   CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/09/545,225
;   FILING DATE: 07-Apr-2000
;   APPLICATION NUMBER: US 08/884,029
;   FILING DATE: 27-JUN-1997
;
; ATTORNEY/AGENT INFORMATION:
;   NAME: Parent, Annette S.
;   REGISTRATION NUMBER: 42,058
;   REFERENCE/DOCKET NUMBER: 02558B-059100US
;
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (415) 576-0200
;   TELEFAX: (415) 576-0300
;
; INFORMATION FOR SEQ ID NO: 9:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 18 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: DNA
;   FEATURE:
;     NAME/KEY: modified_base
;     LOCATION: 13..18
;   OTHER INFORMATION: /mod_base= OTHER
;   /note= "c at positions 13-18 may be
;   present or absent"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 18

RESULT 483
US-09-803-263-6/c
; Sequence 6, Application US/09803263
; Patent No. 6706476
; GENERAL INFORMATION:
;   APPLICANT: Thirstrup, Kenneth
;   TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
;   FILE REFERENCE: 674513-2003.1
;   CURRENT APPLICATION NUMBER: US/09/803,263
;   CURRENT FILING DATE: 2001-03-09
;   NUMBER OF SEQ ID NOS: 19
;   SOFTWARE: Patentin version 3.0
;   SEQ ID NO 6
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;     OTHER INFORMATION: Poly-a tail
US-09-803-263-6

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 18
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RESULT 484
US-09-803-263-7
; Sequence 7, Application US/09803263
; Patent No. 6706476
; GENERAL INFORMATION:
;   APPLICANT: Thirstrup, Kenneth
;   TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
;   FILE REFERENCE: 674513-2003.1
;   CURRENT APPLICATION NUMBER: US/09/803,263
;   CURRENT FILING DATE: 2001-03-09
;   NUMBER OF SEQ ID NOS: 19
;   SOFTWARE: Patentin version 3.0
;   SEQ ID NO 7
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;     OTHER INFORMATION: Complement of poly-a tail
US-09-803-263-7

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 18

RESULT 485
US-09-784-423-146/c
; Sequence 146, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
;   APPLICANT: Bachum, James W.
;   TITLE OF INVENTION: MATERIALS AND METHODS FOR
;   IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
;   REPEAT DNA MARKERS
;   NUMBER OF SEQUENCES: 147
;   CORRESPONDENCE ADDRESS:
;     ADDRESSER: Promega Corporation
;     STREET: 2800 Woods Hollow Road
;     CITY: Madison
;     STATE: Wisconsin
;     COUNTRY: U.S.A.
;     ZIP: 53711-5399
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
;     COMPUTER: IBM compatible PC
;     OPERATING SYSTEM: Windows 95
;     SOFTWARE: Word 97 (DOS text format)
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/09/784,423
;     FILING DATE: 15-Feb-2001
;     CLASSIFICATION: <Unknown>
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 09/018,584
;     FILING DATE: 04-Feb-1998
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Grady J. Frenchick
;     REGISTRATION NUMBER: 29,018
;     REFERENCE/DOCKET NUMBER: 16026.9180
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (608) 257-3501
;       TELEFAX: (608) 257-2275
;   INFORMATION FOR SEQ ID NO: 146
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 18
;       TYPE: Nucleic Acid
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STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 146  
US-09-784-423-146

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 TCTGTACCCAGGCTGA 653  
DB 18 TTTGTACCCAGACTGA 1

RESULT 486  
US-09-142-108C-27  
Sequence 27, Application US/09142108C  
Patent No. 6774285  
GENERAL INFORMATION:  
APPLICANT: Bruggiera, Filippo  
APPLICANT: Holton, Timothy A.  
APPLICANT: Michael, Michael Z.  
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES  
FILE REFERENCE: 11658  
CURRENT APPLICATION NUMBER: US/09/142,108C  
CURRENT FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: P88386  
PRIOR FILING DATE: 1996-03-01  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 27  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-09-142-108C-27

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 429 TTTATTTTATTTTATTTT 446  
DB 1 TTTTATTTTATTTTATTTT 18

RESULT 487  
PCT-US93-08101-4/c  
Sequence 4, Application PC/TUS9308101  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: Of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08101  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
PCT-US93-08101-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCCACCTCAGCCTC 1

RESULT 488  
PCT-US94-05407-4  
Sequence 4, Application PC/TUS9405407  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/05407  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/061,694  
FILING DATE: 13-MAY-1993  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
PCT-US94-05407-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 0.0%; Pred. No. 3.2e+02;  
Matches 0; Conservative 16; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 445  
::: :::::  
Db 1 UUUUUUUUUUUUU 18

RESULT 489  
US-08-255-889-11  
; Sequence 11, Application US/08255889  
; Patent No. 5525467  
; GENERAL INFORMATION:  
; APPLICANT: ANAND, RAKESH  
; TITLE OF INVENTION: AMPLIFICATION METHODS  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CUSHMAN DABRY & CUSHMAN  
; STREET: 1615 L STREET, N.W.  
; CITY: WASHINGTON, D.C.  
; STATE:  
; COUNTRY: U.S.A.  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5"  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: ASCII from WPS-DOS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/255,889  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 9112801.7  
; FILING DATE: 13-Jun-1991  
; APPLICATION NUMBER: 9112795.1  
; FILING DATE: 13-Jun-1991  
; APPLICATION NUMBER: 9112797.7  
; FILING DATE: 13-Jun-1991  
; APPLICATION NUMBER: 9112799.3  
; FILING DATE: 13-Jun-1991  
; APPLICATION NUMBER: US 07/899,067  
; FILING DATE: 12-JUN-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KOKULIS, PAUL N.  
; REGISTRATION NUMBER: 16773  
; REFERENCE/DOCKET NUMBER: 96358/PH.36394/US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 861-3000  
; TELEFAX: (202) 822-0944  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 35  
; TYPE: Nucleic acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; US-08-255-889-11

Query Match 1.5%; Score 14.6; DB 1; Length 35;  
Best Local Similarity 51.5%; Pred. No. 5 6e+02;  
Matches 17; Conservative 6; Mismatches 10; Indels 0; Gaps 0;

Oy 392 GTGCTGATTAACAGCGCTGACGCCCTGCTGG 424  
|:::|||||  
Db 2 GAGCYRWGATYRYRCATYGCACCTCAGCCTGG 34

RESULT 490  
US-08-332-766A-113  
; Sequence 113, Application US/08332766A  
; Patent No. 5843647  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREYS, Alec J.  
; APPLICANT: ARMOUR, John  
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS  
; NUMBER OF SEQUENCES: 125

CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CUSHMAN DABRY & CUSHMAN, L.L.P.  
; STREET: 1100 New York Avenue, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3918  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/332,766A  
; FILING DATE: 01-NOV-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9326052.9  
; FILING DATE: 21-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BIRD, Donald J.  
; REGISTRATION NUMBER: 25,323  
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 861-3000  
; TELEFAX: (202) 822-0944  
; MOLECULE TYPE: DNA (genomic)  
; US-08-332-766A-113

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 837 GATCTGCTGCTGG 852  
|:::|||||  
Db 1 GATCTGCTGCTGG 16

RESULT 491  
US-09-479-005A-260  
; Sequence 260, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MEMB00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; PRIOR FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 260  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-479-005A-260

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTG 661  
|||||:|||||:1  
Db 1 AGGCTGAGTGCAGTG 16

## RESULT 492

US-09-479-005A-262  
; Sequence 262, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Rhozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 262  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-262

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1;

QY 970 TCGGCTCACTGCAGAC 985  
:|||||:|||||:  
Db 1 UGAGCUCACUGCAGAC 16

RESULT 493  
US-09-479-005A-271  
; Sequence 271, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Rhozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 271  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-271

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1;

QY 217 TCGACTCCGACCTC 232  
:|||||:|||||:  
Db 1 UGCAACUCUCGACCTC 16

RESULT 494  
US-08-373-124A-1811/C

; Sequence 1811, Application US/08373124A  
; Patent No. 5646042

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

## COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992

## ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440

## INFORMATION FOR SEQ ID NO: 1811:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-1811

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1;

QY 598 TTATTTTATTTTAA 613  
|||||:|||||:  
Db 16 TTATTTTATTTTAA 1

## RESULT 495

US-08-435-628-1811/C  
; Sequence 1811, Application US/08435628  
; Patent No. 5817796

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1811:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1811  
Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 598 TTATTTTATTTTAA 613  
DB 16 TTATTTTATTTTAA 1  
RESULT 496  
US-08-776-900C-16/c  
Sequence 16, Application US/08776900C  
Patent No. 6020477  
GENERAL INFORMATION:  
APPLICANT: DU, Antea, PAUCHEU, Chi, Hercend, Thierry;  
ADDRESSEE: LALANNE, Jean-Louis, LIVINGSTON, David and  
APPLICANT: SU, Michael  
TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
TITLE OF INVENTION: PROTEINS TX AND TY RELATED TO THE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIERMAN & MUSERLIAN  
STREET: 600 THIRD AVENUE  
CITY: NEW YORK  
STATE: NEW YORK

COUNTRY: USA  
ZIP: 10016  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/776,900C  
FILING DATE: 30-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR95/01035  
FILING DATE: 01-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR/94/09567  
FILING DATE: 02-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 146,1265  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: SEQ ID NO: 1 from 330 to 346  
US-08-776-900C-16  
Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1006 GATTCCTCCTGCTCAG 1021  
DB 17 GATTCCTCCTGCTCAG 2  
RESULT 497  
US-09-268-195C-16/c  
Sequence 16, Application US/09268195C  
Patent No. 6180386  
GENERAL INFORMATION:  
APPLICANT: ROUSSEL, UCLAF  
TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ROUSSEL, UCLAF  
STREET: 102, Route de No. 6180386sy  
CITY: ROMAINVILLE  
COUNTRY: FRANCE  
ZIP: 93230  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentn Release #1.0, Version #1.30 (OEB)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/268,195C  
FILING DATE: 15-MAR-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9409567  
FILING DATE: AUG-02-1994  
APPLICATION NUMBER: 776,900  
FILING DATE: JANUARY 31, 1998  
INFORMATION FOR SEQ ID NO: 16:



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SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..17
OTHER INFORMATION: /note= "SEQ ID NO 1 FROM 330 TO 346"
US-09-268-195C-16

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 GATTCCTGCTCTCAG 1021
DB 17 GATTCCTGCTCTCAG 2

RESULT 498
US-09-544-398B-356/C
Sequence 356, Application US/09544398B
Patent No. 6770461
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 356
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-544-398B-356

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 359 GCTCAGCAGCTCCACC 374
DB 17 GCTCAGCAGCTCCACC 2

RESULT 499
US-08-882-649A-9/C
Sequence 9, Application US/0882649A
Patent No. 6344316
GENERAL INFORMATION:
APPLICANT: Lockhart, David J.
APPLICANT: Chee, Mark
APPLICANT: Gunderson, Kevin
APPLICANT: Chaogiang, Lai
APPLICANT: Wodicka, Lisa
APPLICANT: Cronin, Maureen T.
APPLICANT: Lee, Danny
APPLICANT: Tran, Huu M.
APPLICANT: Matuzaki, Hajime
APPLICANT: McCall, Glenn H.
```

```
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Joe Liebeschuetz
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,649A
FILING DATE: 25-Jun-1997
CLASSIFICATION: 435-006.000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-JAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-882-649A-9

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441
DB 14 TTTTATTTATTTT 1

RESULT 500
US-08-744-481A-39/C
Sequence 39, Application US/08744481A
Patent No. 6428955
GENERAL INFORMATION:
APPLICANT: K ster, Hubert
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSER: HELLER EHRMAN WHITE & MCAULIFFE
STREET: 4250 Executive Square, Suite 700
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/744, 481A  
FILING DATE: No. 6428955ember 6, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/617, 256  
FILING DATE: March 18, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24736-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 450-8400  
TELEFAX: (617) 587-5360  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-744-481A-39

Query Match 1.4%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 GAGACAGACTCTCA 633  
DB 14 GAGACAGACTCTCA 1

RESULT 501  
US-08-292-620A-336  
Sequence 336, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292, 620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008, 895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989, 849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 336:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-336

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGG 648  
DB 2 CUCUGUACCCAGG 15

RESULT 502  
US-08-292-620A-349  
Sequence 349, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292, 620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008, 895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989, 849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

two

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 349:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-349

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 719 CAGCCTCCTGAGTA 732  
Db 2 CAGCCCTCCGAGTA 15

RESULT 503  
US-09-071-845-336  
Sequence 336, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 336:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-071-845-336

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 635 CTTGTGACCCGAG 648  
Db 2 CTTGTGACCCGAG 15

RESULT 504  
US-09-071-845-349  
Sequence 349, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 349:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-349  
Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Db 2 CAGCCTCCGAGUA 15

RESULT 505  
US-08-906-156A-6  
Sequence 6, Application US/08906156A  
Patent No. 6287854  
GENERAL INFORMATION:  
APPLICANT: SPURR, NIGEL K  
APPLICANT: GRAY, IAN C  
APPLICANT: STEWART, LORNA M  
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER  
TITLE OF INVENTION: AND TREATMENT THEREOF  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHAYE P. C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/906.156A  
FILING DATE: 05-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/042,655  
FILING DATE: 02-APR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/033,147  
FILING DATE: 13-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/005,840  
FILING DATE: 23-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/96GB/02588  
FILING DATE: 22-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 1090-14  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-816-4000  
TELEFAX: 703-816-4100  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Synthetic PCR primer  
US-08-906-156A-6

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 380 CAGCCTCCGAGT 393  
DB 1 CAGCCTCCGAGT 14

RESULT 506  
US-09-371-772B-6194/C

Sequence 6194, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBRB00, 876-U (237/198)  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US/09/371,772B  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 6194  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6194

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCGATGTTGTC 208  
DB 17 CTCGATGTTGTC 4

RESULT 507  
US-09-371-772B-6195/C  
Sequence 6195, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBRB00, 876-U (237/198)  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US/09/371,772B  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 6195  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6195

Query Match 1.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCGATGTTGTC 208  
DB 14 CTCGATGTTGTC 1

RESULT 508  
US-08-373-124A-410/C  
Sequence 410, Application US/08373124A

Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ. ID NO: 410:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-410

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 ATGAGTGCAGTGTGT 491  
DB 17 ATGAGTGCAGTGTGT 1

RESULT 509  
US-08-373-124A-1875  
Sequence 1875, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ. ID NO: 1875:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1875

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 764 TATTTTTCATTTT 780  
DB 1 UGAUUUUUUUUUUUU 17

RESULT 510  
US-08-758-306-1107/C  
Sequence 1107, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1107:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-1107

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 776 ATTTAGTAGAGATGG 792  
DB 17 ATGTTCTGAGAGATGG 1

RESULT 511  
US-08-435-628-410/C  
Sequence 410, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 410:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-410

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 ATGAAGTCAGTGGTGT 491  
DB 17 ATGAGTGTGAGTGTGT 1

RESULT 512  
US-08-435-628-1875  
Sequence 1875, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1675:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1675

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 764 TATTTTGTATTT 780  
DB 1 UGAUUUAUUUGAUUUU 17

RESULT 513  
US-08-985-162-542/c  
Sequence 542, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 542:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-985-162-542

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGATCAGCATCCT 536  
DB 17 CTGAGATCAGCATCCT 1

RESULT 514  
US-08-851-843A-132  
Sequence 132, Application US/08851843A  
Patent No. 6093809  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6093809e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/851,843A  
FILING DATE: 06-MAY-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-851-843A-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 444  
|||||  
Db 1 TTTTATTTT 17

RESULT 515  
US-08-998-099-120/c  
; Sequence 120, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 120  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-120

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 730 GTAGCTGGAGTACAG 746  
|||||  
Db 17 GCAGCTGGAGTACAG 1

RESULT 516  
US-09-250-075-5  
; Sequence 5, Application US/09250075  
; Patent No. 6207819  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin A  
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of  
; TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds  
; FILE REFERENCE: ISI51329  
; CURRENT APPLICATION NUMBER: US/09/250,075  
; CURRENT FILING DATE: 1999-02-12  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)-(17)  
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6207819e1  
; OTHER INFORMATION: Sequence  
US-09-250-075-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Oy 428 TTTTATTTATTTT 444  
|||||

Db 1 TTTTATTTT 17

RESULT 517  
US-08-854-050-132  
; Sequence 132, Application US/08854050  
; Patent No. 6261836  
; GENERAL INFORMATION:  
; APPLICANT: Cecch, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: No. 6261836e1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,050  
; FILING DATE: 09-MAY-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 132:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-854-050-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 444  
|||||  
Db 1 TTTTATTTT 17



RESULT 518  
US-09-430-323-132  
Sequence 132, Application US/09430323  
Patent No. 6309867  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morley, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. 6309867el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/430,323  
FILING DATE: 29-Oct-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-09-430-323-132  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444  
1 TTTTATTTTATTTT 17  
Db

RESULT 519  
US-08-584-040-2550  
Sequence 2550, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2550:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2550  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 3.6e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 426 CTTTATTTTATTTT 442  
1 CTTTATTTTATTTT 17  
Db

RESULT 520  
US-08-584-040-2823  
Sequence 2823, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2823:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2823

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

Qy 902 TTTAATTTTGTGTGT 918  
Db 1 UUCACUUUUUUUUUU 17

RESULT 521  
US-08-584-040-2824  
Sequence 2824, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2824:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2824

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

Qy 903 TTTAATTTTGTGTGT 919  
Db 1 UUCACUUUUUUUUUU 17

RESULT 522  
US-08-584-040-2825  
Sequence 2825, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

```
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2825:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2825

Query Match
Best local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTAATTTTGTGTTT 920
Db 1 UCACUUUUUGUUUUU 17

RESULT 523
US-08-679-645-884
Sequence 884, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 884:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```

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US-08-679-645-884
Query Match
Best local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Pred. No. 3.6e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 443
Db 1 UUUUUUUUUUUUUU 17

RESULT 524
US-08-679-645-885
Sequence 885, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 885:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-885

Query Match
Best local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Pred. No. 3.6e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444
```

Db : : : : : : : : : :  
1 UUUUUUUUUUUUUUUUU 17

## RESULT 525

US-09-619-103-23/c  
; Sequence 23, Application US/09619103  
; Patent No. 64293100  
; GENERAL INFORMATION:  
; APPLICANT: Kurtz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 23  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-23

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 444  
DB 17 TTTTATTTT 1

## RESULT 526

US-09-726-096A-5  
; Sequence 5, Application US/09726096A  
; Patent No. 6462184  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin A.  
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back  
; FILE REFERENCE: ISI54528  
; CURRENT APPLICATION NUMBER: US/09/726,096A  
; CURRENT FILING DATE: 2000-11-29  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc feature  
; LOCATION: (1)-(19)  
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate  
; OTHER INFORMATION: internucleoside linkage  
US-09-726-096A-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 444  
DB 1 TTTTATTTT 17

## RESULT 527

US-09-300-958A-63  
; Sequence 63, Application US/09300958A  
; Patent No. 6495319  
; GENERAL INFORMATION:  
; APPLICANT: McClelland, Michael  
; APPLICANT: Welsh, John  
; APPLICANT: Trenkle, Thomas  
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of  
; TITLE OF INVENTION: Using Same  
; FILE REFERENCE: P-PH 3457  
; CURRENT APPLICATION NUMBER: US/09/300,958A  
; CURRENT FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/083,331  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/098,070  
; PRIOR FILING DATE: 1998-08-27  
; PRIOR APPLICATION NUMBER: 60/118,624  
; PRIOR FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 63  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-300-958A-63

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 766 ATTTTGTATTTTA 782  
DB 1 ATTTTGTATTTTA 17

## RESULT 528

US-09-371-772B-1074  
; Sequence 1074, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1074  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 3.6e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 426 CTTTATTTATTTT 442  
DB 1 CUUUUUUUUUUUUU 17

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RESULT 529
US-09-371-772B-1347
; Sequence 1347, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1347

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 902 TTTTATTTTGTGTT 918
Db 1 UUCACUUUUUUUUUU 17

RESULT 530
US-09-371-772B-1348
; Sequence 1348, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1348

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 903 TTTTATTTTGTGTT 919
Db 1 UUCACUUUUUUUUUU 17
```

```
RESULT 531
US-09-371-772B-1349
; Sequence 1349, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1349

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTTTATTTTGTGTT 920
Db 1 UUCACUUUUUUUUUU 17

RESULT 532
US-09-371-772B-4780
; Sequence 4780, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4780

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.6e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 574 TGACCACTACACCTGG 590
Db 1 UGCAGCACUACACAGCG 17

RESULT 533
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US-09-401-063-542/c  
; Sequence 542, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 542:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-401-063-542

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGTCAAGCATCCT 536  
DB 17 CTGAGTCAAGCATCCT 1

RESULT 534  
US-09-827-998-851/c  
; Sequence 851, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDNORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 851  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-827-998-851

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 890 CGCCGGCTTATTTTA 906  
DB 17 CGCCGGCTTATTTTA 1

RESULT 535  
US-09-866-108A-6546/c  
; Sequence 6546, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ABOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6546  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-866-108A-6546

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TCCACCTGCTTACGCTT 385  
DB 17 TCCACCTGCTTACGCTT 1

```
RESULT 536
US-09-866-108A-6547/c
; Sequence 6547, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/226,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6547
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6547

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      368 GTCACCTGCTCAGCC 384
Db      17 GTCACCTGCTCAGCC 1

RESULT 537
US-09-866-108A-8863/c
; Sequence 8863, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8863
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8863

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 CCATGTTGTCAGGCTG 213
Db      17 CCATGTTGTCAGGCTG 1

RESULT 538
US-09-866-108A-9424/c
; Sequence 9424, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/226,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
```

PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 9424  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-9424

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 346 GCTGCTCTCTGAGCTC 362  
 Db 17 GCTTGTCTCTGAGCTC 1

RESULT 539  
 US-09-866-108A-9427/C  
 Sequence 9427, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharon G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wenheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AECOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 9427  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-9427

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 Qy 343 CAAGCTGCTCTCTGAG 359  
 Db 1 GCGCTCAAGCAATCTC 1

Db 17 CAGGCTTGTCTCTGAG 1

RESULT 540  
 US-09-544-398B-255/C  
 Sequence 255, Application US/09544398B  
 Patent No. 6770461  
 GENERAL INFORMATION:  
 APPLICANT: Carulli, John P.  
 APPLICANT: Little, Randall D.  
 APPLICANT: Recker, Robert R.  
 APPLICANT: Johnson, Mark L.  
 TITLE OF INVENTION: High bone mass gene of 11q13.3  
 FILE REFERENCE: 032796-013  
 CURRENT APPLICATION NUMBER: US/09/544,398B  
 CURRENT FILING DATE: 2002-06-10  
 PRIOR APPLICATION NUMBER: US 09/229,319  
 PRIOR FILING DATE: 1999-01-13  
 PRIOR APPLICATION NUMBER: US 60/071,449  
 PRIOR FILING DATE: 1998-01-13  
 PRIOR APPLICATION NUMBER: US 60/105,511  
 PRIOR FILING DATE: 1998-10-23  
 NUMBER OF SEQ ID NOS: 641  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 255  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-544-398B-255

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 994 CCGGCTCAAGCAATTC 1010  
 Db 17 CTGGCTCAAGCAATTC 1

RESULT 541  
 US-09-544-398B-530  
 Sequence 530, Application US/09544398B  
 Patent No. 6770461  
 GENERAL INFORMATION:  
 APPLICANT: Carulli, John P.  
 APPLICANT: Little, Randall D.  
 APPLICANT: Recker, Robert R.  
 APPLICANT: Johnson, Mark L.  
 TITLE OF INVENTION: High bone mass gene of 11q13.3  
 FILE REFERENCE: 032796-013  
 CURRENT APPLICATION NUMBER: US/09/544,398B  
 CURRENT FILING DATE: 2002-06-10  
 PRIOR APPLICATION NUMBER: US 09/229,319  
 PRIOR FILING DATE: 1999-01-13  
 PRIOR APPLICATION NUMBER: US 60/071,449  
 PRIOR FILING DATE: 1998-01-13  
 PRIOR APPLICATION NUMBER: US 60/105,511  
 PRIOR FILING DATE: 1998-10-23  
 NUMBER OF SEQ ID NOS: 641  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 530  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-544-398B-530

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 Qy 996 GGGCTCAAGCAATTC 1012  
 Db 1 GCGCTCAAGCAATTC 1



```
RESULT 542
US-09-081-646-5/c
; Sequence 5, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-5

Query Match      1.4%; Score 13.6; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1091 CGGGGTTTCACCAT 1104
DB      15 YGGGGTTTCACCAT 2

RESULT 543
US-08-832-021-19
; Sequence 19, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-19

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      434 TTTATTTTATTTAG 448
DB      1 TTTTATTTTATTTAG 15

RESULT 544
US-09-081-646-3/c
; Sequence 3, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-3

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      397 GGGATTACAGGCGTG 411
DB      15 GGGATTACAGGCGTG 1

RESULT 545
US-09-081-646-11
; Sequence 11, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-11

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTTGGTCAGCGCT 212
DB      1 CATGTTGGTCAGCGCT 15

RESULT 546
US-09-081-646-400/c
; Sequence 400, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-11

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTTGGTCAGCGCT 212
DB      1 CATGTTGGTCAGCGCT 15

RESULT 546
US-09-081-646-400/c
; Sequence 400, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-11

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTTGGTCAGCGCT 212
DB      1 CATGTTGGTCAGCGCT 15
```

```

; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 400
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-400

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 TGCTGGATTACAG 407
DB 15 TGCTGGATTACATG 1

RESULT 547
US-09-081-646-483
; Sequence 483, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 483
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-483

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 CATGTTGTCAGGCT 212
DB 1 CATGTTGCCAGGCT 15

RESULT 548
US-09-081-646-492/c
; Sequence 492, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 492
```

```

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-492

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 GCGTGAGCCACGAG 891
DB 15 GCGTGAGCCACGAG 1

RESULT 549
US-09-475-947A-164
; Sequence 164, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 164
; LENGTH: 15
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-164

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 443
DB 1 TTTATTTATTTT 15

RESULT 550
US-08-952-376-2
; Sequence 2, Application US/08952376
; Patent No. 6146855
; GENERAL INFORMATION:
; APPLICANT: Williams, Keith L
; APPLICANT: Vesey, Graham
; APPLICANT: Veal, Duncan
; APPLICANT: Ashbolt, Nicholas J
; APPLICANT: Dorsch, Matthias
; TITLE OF INVENTION: Method for the Detection of Viable
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brinks, Hofer, Gilson & Lione
; STREET: 455 No. 6146855th Clytont Plaza Drive
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60611-5599
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA: US/08/952,376
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US PCT/AU96/00274  
FILING DATE: 06-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Martin, Alice  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-952-376-2

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 168 TATTTTCTTTTACTA 182  
DB 1 TTTTCTTTTCTTACTA 15

RESULT 551  
US-09-018-584A-127/C  
Sequence 127, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026,9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 127:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-09-018-584A-127

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCCG 665  
DB 15 GGAGTGCAGTGGCCG 1

RESULT 552  
US-09-371-772B-6097  
Sequence 6097, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MEH800, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6097  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6097

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 20.0%; Pred. No. 3.6e+02;  
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;  
QY 908 TTTTGTGTTTGA 922  
DB 2 UUUUGUUUUUUUA 16

RESULT 553  
US-09-829-855-171  
Sequence 171, Application US/09829855  
Patent No. 6613520  
GENERAL INFORMATION:  
APPLICANT: Matthew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829,855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 171  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Desulfohalobacter curvatus  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (11)-(11)  
OTHER INFORMATION: A, G, C or T  
US-09-829-855-171

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 333 CTGATGCCCCAGCT 348  
DB 1 CTGCTGTGCCNAGCT 16

RESULT 554  
US-09-479-005A-261

Sequence 261, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT FILING DATE: 2000-01-07  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 261  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-261

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 73.3%; Pred. No. 3.6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 655 TGCACTGGCGCATC 669  
DB 2 UGCAGUGGCCCAUC 16

RESULT 555  
US-09-479-005A-263  
Sequence 263, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT FILING DATE: 2000-01-07  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 263  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-263

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 66.7%; Pred. No. 3.6e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAGCGATTC 1011  
DB 2 GGUUCAGCGAUCU 16

RESULT 556  
US-09-479-005A-265  
Sequence 265, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 265  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-265

CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 265  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-265

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 73.3%; Pred. No. 3.6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 719 CAGCTCCTGAGTAG 733  
DB 2 CGGCTCUCGAGUNG 16

RESULT 557  
US-09-784-423-127/C  
Sequence 127, Application US/097844423  
Patent No. 6767703  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
Bacher, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29, 018  
REFERENCE/DOCKET NUMBER: 16026, 9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-2275  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 127  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 127  
US-09-784-423-127

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 651 GGAGTGCAGTGGCC 665  
 15 GGAGTGCAGTGGCC 1

RESULT 558  
 US-09-544-398B-549  
 ; Sequence 549, Application US/09544398B  
 ; Patent No. 6770461  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Carulli, John P.  
 ; APPLICANT: Little, Randall D.  
 ; APPLICANT: Recker, Robert R.  
 ; APPLICANT: Johnson, Mark L.  
 ; TITLE OF INVENTION: High bone mass gene of 11q13.3  
 ; FILE REFERENCE: 032796-013  
 ; CURRENT FILING DATE: 2002-06-10  
 ; PRIOR FILING DATE: 2002-06-10  
 ; PRIOR FILING DATE: 1999-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/071,449  
 ; PRIOR FILING DATE: 1998-01-13  
 ; PRIOR APPLICATION NUMBER: US 60/105,511  
 ; NUMBER OF SEQ ID NOS: 641  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 549  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-544-398B-549

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
 Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 642 ACCCAGCTGCTG 656  
 1 ACCCAGCTGCTG 15

RESULT 559  
 US-08-292-620A-211/C  
 ; Sequence 211, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm  
 ; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A  
 FILING DATE: August 17, 1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION/DOCKET NUMBER: 32,327  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 211:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 ; US-08-292-620A-211

Query Match 1.3%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 338 GTGCCCACTGG 350  
 14 GTGCCCACTGG 2

RESULT 560  
 US-09-071-845-211/C  
 ; Sequence 211, Application US/09071845  
 ; Patent No. 6132967  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm  
 ; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/071,845  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620  
 ; FILING DATE: August 17, 1994  
 ; APPLICATION NUMBER: 08/008,895

```

; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-211

Query Match 1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 338 GTGCCCAAGCTGG 350
DB 14 GTGCCCAAGCTGG 2

RESULT 561
US-09-177-359-27
; Sequence 27, Application US/09177359B
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Damian
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; TITLE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/1d
; CURRENT APPLICATION NUMBER: US/09177,359B
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as probes
;
US-09-177-359-27

Query Match 1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 990 CCTCCCGGAGCTCA 1002
DB 3 CCTCCCGGAGCTCA 15

RESULT 562
US-09-081-646-10/C
; Sequence 10, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
```

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; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-10

Query Match 1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1125 ACTCCTGACCTCAGG 1139
DB 15 WCTCCTGACCTCAGT 1

RESULT 563
US-09-081-646-841/C
; Sequence 841, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-841

Query Match 1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1125 ACTCCTGACCTCAGG 1139
DB 15 WCTCCTGACCTCAGT 1

RESULT 564
US-09-918-686-102
; Sequence 102, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-918-686-102

Query Match 1.3%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 283 ACCATGCCCCGCT 285

Db 1 ACCATGCCCCGCT 13

RESULT 565

US-09-443-199C-913/c  
; Sequence 913, Application US/09443199C  
; Patent No. 6670464  
; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: Curagen Patent Formatter Version 0.9  
; SEQ ID NO 913  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)  
; NAME/KEY: misc feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number CG43972482  
US-09-443-199C-913

Query Match 1.3%; Score 13; DB 1; Length 51;  
Best Local Similarity 65.5%; Pred. No. 5e+02;  
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 260 AAGTCTAGATACAGACTGCCACCATG 288

Db 50 AGAGTTGAGACGACCTGACCACTG 22

RESULT 566

US-09-443-199C-914/c  
; Sequence 914, Application US/09443199C  
; Patent No. 6670464  
; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: Curagen Patent Formatter Version 0.9  
; SEQ ID NO 914  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)

NAME/KEY: misc feature

LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number CG43972482  
US-09-443-199C-914

Query Match 1.3%; Score 13; DB 1; Length 51;  
Best Local Similarity 65.5%; Pred. No. 5e+02;  
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 260 AAGTCTAGATACAGACTGCCACCATG 288

Db 50 AGAGTTGAGACGACCTGACCACTG 22

RESULT 567

US-09-384-327-6  
; Sequence 6, Application US/09384327  
; Patent No. RE37806  
; GENERAL INFORMATION:  
; APPLICANT: Grinnell, Brian W.  
; TITLE OF INVENTION: METHOD FOR COMPLICATION OF HUMAN  
; PROTEIN C GENES IN HUMAN CELLS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Eli Lilly and Company  
; STREET: Lilly Corporate Center/Patent Division  
; CITY: Indianapolis  
; STATE: IN  
; COUNTRY: US  
; ZIP: 46285  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/384,327  
; FILING DATE: 16-Aug-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/458,372  
; FILING DATE: 02-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: NO. RE37806man, Douglas K.  
; REGISTRATION NUMBER: 33,267  
; REFERENCE/DOCKET NUMBER: X-66061  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 317-276-2958  
; TELEFAX: 317-277-1917  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-384-327-6

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 815 GATCTGATCTGCA 830

Db 1 GATCTGATCTGCA 16

RESULT 568

US-07-971-978-36  
; Sequence 36, Application US/07971978  
; Patent No. 5614617  
; GENERAL INFORMATION:

APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
TITLE OF INVENTION: Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESS: No. 56146171s  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine

OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-36  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGAATTTTTTTT 178  
DB 1 TTTTTTTTTTTTTTT 16  
RESULT 569  
US-07-971-978-42  
Sequence 42, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
TITLE OF INVENTION: Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESS: No. 56146171s  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible



OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution

FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-42  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTT TTTT 178  
Db 1 TTTT TTTT TTTT 16  
RESULT 570  
US-07-971-978-60  
Sequence 60, Application US/07971978  
Patent No. 561617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 60:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 16  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine

NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-60

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGTATTTT 178  
Db 1 TTTTGTATTTT 16

RESULT 571  
US-08-458-372-6  
Sequence 6, Application US/08458372  
Patent No. 5681932  
GENERAL INFORMATION:  
APPLICANT: Grinnell, Brian W.  
TITLE OF INVENTION: METHOD FOR COMPLICATION OF HUMAN  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Eli Lilly and Company  
STREET: Lilly Corporate Center/Patent Division  
CITY: Indianapolis  
STATE: IN  
COUNTRY: US  
ZIP: 46285  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,372  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5681932man, Douglas K.  
REGISTRATION NUMBER: 33,267  
REFERENCE/DOCKET NUMBER: X-66061  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 317-276-2958  
TELEFAX: 317-277-1917  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-458-372-6  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 815 GATCTTGATCTCTGCA 830  
Db 1 GATCTTGATCTCTGCA 16  
RESULT 572  
US-08-599-252-29/c  
Sequence 29, Application US/08599252

Patent No. 5705343  
GENERAL INFORMATION:  
APPLICANT: DRAYNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GNIKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,252  
FILING DATE: 09-FEB-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-252-29  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCGCA 666  
DB 16 GGAGTGCATGGAGCA 1  
RESULT 573  
US-08-436-074-29/c  
Sequence 29, Application US/08436074  
Patent No. 5753438  
GENERAL INFORMATION:  
APPLICANT: DRAYNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GNIKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/436,074  
FILING DATE: 08-MAY-1995  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-436-074-29  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCGCA 666  
DB 16 GGAGTGCATGGAGCA 1  
RESULT 574  
US-08-415-370-2  
Sequence 2, Application US/08415370  
Patent No. 5801155  
GENERAL INFORMATION:  
APPLICANT: Kutyavyn, Igor V.  
APPLICANT: Lukhtanov, Eugeny A.  
APPLICANT: Gampert, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR  
TITLE OF INVENTION: GROOVE BINDER CONJUGATES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/415,370  
FILING DATE: 03-APR-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675  
REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-5502  
TELEFAX: 714-854-4897  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-415-370-2

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
Db 1 TTTTGTATTTTTTTT 16

RESULT 575  
US-08-687-551-15  
Sequence 15, Application US/08687551  
Patent No. 5856435

GENERAL INFORMATION:  
APPLICANT: BAZILE, Didier  
APPLICANT: EMILE, Carole  
APPLICANT: HELENE, Claude  
APPLICANT: SPENSHAUER, Gilles  
TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, ITS  
TITLE OF INVENTION: PREPARATION AND USE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rhone-Poulenc Rorer Inc.  
STREET: 500 Arcola Rd. Jc43  
CITY: Collegeville  
STATE: PA  
COUNTRY: USA  
ZIP: 19426

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/687,551  
FILING DATE:

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 94/01381  
FILING DATE: 08-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/FR95/00098  
FILING DATE: 27-JAN-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Smith Ph.D., Julie K.  
REGISTRATION NUMBER: 38,619  
REFERENCE/DOCKET NUMBER: ST94007-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610) 454-3839  
TELEFAX: (610) 454-3808

INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-687-551-15

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
Db 1 TTTTGTATTTTTTTT 16

RESULT 576  
US-09-141-764-2  
Sequence 2, Application US/09141764  
Patent No. 6084102

GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
APPLICANT: Lukhtanov, Eugene A.  
APPLICANT: Gampert, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE  
TITLE OF INVENTION: MINOR  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/141,764  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675

REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-5502  
TELEFAX: 714-854-4897  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-141-764-2

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
Db 1 TTTTGTATTTTTTTT 16

RESULT 577  
US-08-851-843A-131/C  
Sequence 131, Application US/08851843A  
Patent No. 6093809

GENERAL INFORMATION:  
APPLICANT: Cecch, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.

TITLE OF INVENTION: No. 6093809e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor

CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/851,843A  
FILING DATE: 06-MAY-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-851-843A-131

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 16 TTTTGTATTTTTTTT 1

RESULT 578  
US-08-854-050-131/C  
Sequence 131, Application US/08854050  
Patent No. 6261836  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morlin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6261836el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-854-050-131

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 16 TTTTGTATTTTTTTT 1

RESULT 579  
US-09-430-323-131/C  
Sequence 131, Application US/09430323  
Patent No. 6309867  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morlin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6309867el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/430,323  
FILING DATE: 29-Oct-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-430-323-131  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 16 TTTTTTTTTTTTTT 1

RESULT 580  
US-09-507-345A-2  
Sequence 2, Application US/09507345A  
Patent No. 6426408  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Gamper, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/507,345A  
FILING DATE: 18-Feb-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003500US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-507-345A-2  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 1 TTTTTTTTTTTTTT 16

RESULT 581  
US-09-619-103-22/c  
Sequence 22, Application US/09619103  
Patent No. 6429300  
GENERAL INFORMATION:  
APPLICANT: Kurz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50035/031002  
CURRENT APPLICATION NUMBER: US/09/619,103  
CURRENT FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-22  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 16 TTTTTTTTTTTTTT 1

RESULT 582  
US-09-739-928-2  
Sequence 2, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Gamper, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-739-928-2  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTTTTTT 178  
DB 1 TTTT TTTT TTTT TTTT 16  
RESULT 583  
US-09-371-772B-5767  
Sequence 5767, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 5767  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 4.1e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;  
QY 330 TCACGTGATGCCCCAA 345  
DB 1 UCACAGAUUGCCCAA 16  
RESULT 584  
US-09-371-772B-6096  
Sequence 6096, Application US/09371772B  
Patent No. 6566137  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 6096  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6096  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 18.8%; Pred. No. 4.1e+02;  
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;  
QY 903 TTTTATTTTGTTGT 918  
DB 1 UUCACUUUUUUUUU 16  
RESULT 585  
US-09-829-855-36  
Sequence 36, Application US/09829855  
Patent No. 6613520  
GENERAL INFORMATION:  
APPLICANT: Mathew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829,855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 36  
LENGTH: 16  
TYPE: DNA  
ORGANISM: unknown  
FEATURE:  
OTHER INFORMATION: unidentified soil organism  
US-09-829-855-36  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	333	CTGATGTGCCCAAGCT	348
Db	1	CTGCTGTGCCGAAGCT	16

```

RESULT 586
US-09-829-855-111
; Sequence 111, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 111
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-111

```

Query Match	1.3%	Score 12.8	DB 1	Length 16
Best Local Similarity	87.5%	Pred. No. 4.1e+02		
Matches 14	Conservative 0	Mismatches 2	Indels 0	Gaps 0

Qy	333	CTGATGTGCCCAAGCT	34
Db	1	CTGCTGTGCCGAAGCT	16

```

US-09-958-610A-1/c
; Sequence 1, Application US/09958610A
; Patent No. 6756492
; GENERAL INFORMATION:
; APPLICANT: Beier, Markus
; APPLICANT: Honeisels, Jorg
; TITLE OF INVENTION: Nucleoside Derivatives with Photolabile Protective Groups
; FILE REFERENCE: 03528.0135 PCUS00
; CURRENT APPLICATION NUMBER: US/09/958,610A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: PCT/DE00/011448
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 100 03 631.7
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: DE 199 15. 867.3
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-958-610A-1

```

Query Match	1.3%	Score 12.8	DB 1	Length 16
Best Local Similarity	87.5%	Pred. No. 4.1e+02		
Matches 14, Conservative	0	Mismatches 2	Indels 0	Gaps 0

Qy	163	TTTTGTATTTTTTTT	178
Db	16	TTTTTTTTTTTTTTTT	1

RESULT 588  
US-09-895-585-9  
; Sequence 9, Application US/09895585

Query Match	1.3%	Score 12.8	DB 1	Length 16
Best Local Similarity	87.5%	Pred. No. 4.1e+02		
Matches 14; Conservative	0	Mismatches 2	Indels 0	Gaps 0

Qy	163	TTTTGGATTTTTTTT	178
Db	1	TTTTTTTTTTTTTTTTT	16

```

RESULT 589
US-09-152-059-70
/ Sequence 70, Application US/09152059
/ Patent No. 6794499
/ GENERAL INFORMATION:
/ APPLICANT: MENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165 (71994)
/ CURRENT APPLICATION NUMBER: US/09/152,059
/ CURRENT FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,551
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 70
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```



OTHER INFORMATION: oligonucleotide  
US-09-152-059-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTTTT 178  
|||||  
1 TTTTGTATTTTTTTTTT 16

RESULT 590  
PCT-US96-06352-29/c

Sequence 29, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAYNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: KIMMEL, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US96-06352-29

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGAGTGCATGCGGCA 666  
|||||  
16 GGAGTGCATGCGGCA 1

RESULT 591

PCT-US96-06583-29/c

Sequence 29 Application PC/TUS9606583

GENERAL INFORMATION:

APPLICANT: DRAYNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: KIMMEL, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06583

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US96-06583-29

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGAGTGCATGCGGCA 666  
|||||  
16 GGAGTGCATGCGGCA 1

RESULT 592

US-09-304-232-686

Sequence 686, Application US/09304232

Patent No. 6525185

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing

APPLICANT: Chakravarti, Aravinda

APPLICANT: Halushka, Marc Kenneth

APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Polymorphisms Associated With

FILE REFERENCE: 018547-034210US

CURRENT APPLICATION NUMBER: US/09/304,232

CURRENT FILING DATE: 1999-05-03

EARLIER APPLICATION NUMBER: US 60/084,641

NUMBER OF SEQ ID NOS: 909

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 686

LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PGISEX10 1505  
US-09-304-232-686

Query Match 1.3%; Score 12.8; DB 1; Length 29;  
Best Local Similarity 77.8%; Pred. No. 6.5e+02;  
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 959 ATGCCCAATCTGCGCTC 976  
DB 6 ATGGCGAATATCCCTCTC 23

RESULT 593  
US-09-422-978-1321

Sequence 1321, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET 020CPL

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 1321

LENGTH: 47

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: allele

LOCATION: 24

OTHER INFORMATION: 99-22844-211 : polymorphic base A or G

US-09-422-978-1321

QY 449 ACACAGGTGTCACCTTACCCGAGATGAGTG 482  
DB 1 ACATGAGAGATCTTGAACCCGAGGAGAG 34

RESULT 594  
US-08-832-021-5

Sequence 5, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Protuy, S.

APPLICANT: Steen, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 5

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-5

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTTTTTAA 447  
DB 1 TTTTTTTTTTTTAA 14

RESULT 595  
US-08-724-466B-17

Sequence 17, Application US/08724466B

Patent No. 6063606

GENERAL INFORMATION:

APPLICANT: Petkovich, P. Martin, White, Jay A.

APPLICANT: Beckett, Barbara R., Jones, Glenville

TITLE OF INVENTION: Retinoid Metabolizing Protein

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: Blake, Cassels & Graydon

STREET: Box 25, Commerce Court West

CITY: Toronto

ZIP: M5L 1A9

COUNTRY: Canada

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage

COMPUTER: COMPAQ, IBM PC compatible

OPERATING SYSTEM: MS-DOS 5.1

SOFTWARE: WORD PERFECT

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/724,466B

FILING DATE: October 1, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/667,546

FILING DATE: June 21, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Hunt, John C.

REGISTRATION NUMBER: 36,424

REFERENCE/DOCKET NUMBER: 50767/00004

TELEPHONE: (416) 863-4344

TELEFAX: (416) 863-2653

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-724-466B-17

QY 434 TTTATTTTTTTTAA 447  
DB 1 TTTTTTTTTTTTAA 14

RESULT 596  
US-08-998-099-331

Sequence 331, Application US/08998099A

Patent No. 6103890

GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
FILE REFERENCE: 231/175  
CURRENT APPLICATION NUMBER: US/08/998,099A  
CURRENT FILING DATE: 1997-12-24  
EARLIER APPLICATION NUMBER: 60/037,658  
EARLIER FILING DATE: 1997-01-23  
EARLIER APPLICATION NUMBER: 08/373,124  
EARLIER FILING DATE: 1995-01-13  
EARLIER APPLICATION NUMBER: 08/245,466  
EARLIER FILING DATE: 1994-05-18  
NUMBER OF SEQ ID NOS: 375  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 331  
LENGTH: 14  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-08-998-099-331

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 71.4%; Pred. No. 3.7e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 288 GCCCGGCTGCTGCT 301  
DB 1 GCCCGGCTGCTGCT 14

RESULT 597  
US-08-882-164D-17  
Sequence 17, Application US/08882164D

PATENT No. 6306624  
GENERAL INFORMATION:  
APPLICANT: Peckovich, P. Martin, White, Jay A.,  
APPLICANT: Beckett, Barbara R., Jones, Glenville  
TITLE OF INVENTION: Retinoid Metabolizing Protein  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Blake, Cassels & Graydon  
STREET: Box 25, Commerce Court West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5L 1A9

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage  
COMPUTER: COMPAG, IBM PC compatible  
OPERATING SYSTEM: MS-DOS 5.1  
SOFTWARE: WORD PERFECT

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/882,164D  
FILING DATE: June 25, 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/667,546  
FILING DATE: June 21, 1996  
APPLICATION NUMBER: 08/724,466  
FILING DATE: October 1, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Hunt, John C.

REGISTRATION NUMBER: 36,424  
REFERENCE/DOCKET NUMBER: 50767/00010  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 863-4344  
TELEFAX: (416) 863-2653

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-882-164D-17

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTATTTTAA 447  
DB 1 TTTATTTTATTTTAA 14

RESULT 598  
US-09-081-646-36/C  
Sequence 36, Application US/09081646  
PATENT No. 6333152  
GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhou, Wei  
APPLICANT: Zhang, Lin  
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152a1 and  
FILE REFERENCE: 01107.74664  
CURRENT APPLICATION NUMBER: US/09/081,646  
CURRENT FILING DATE: 1998-05-20  
EARLIER APPLICATION NUMBER: 60/047,352  
EARLIER FILING DATE: 1997-05-21  
NUMBER OF SEQ ID NOS: 871  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 36  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-081-646-36

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGTTTACCATG 803  
DB 14 TGGGTTTACCATG 1

RESULT 599  
US-09-475-947A-310/C  
Sequence 310, Application US/09475947A  
PATENT No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
APPLICANT: Minna, John D.  
TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
FILE REFERENCE: UTS00667  
CURRENT APPLICATION NUMBER: US/09/475,947A  
CURRENT FILING DATE: 1999-12-31  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 310  
LENGTH: 14  
TYPE: DNA  
ORGANISM: human  
US-09-475-947A-310

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 164 TTTGATTTTATTTT 177  
DB 14 TTTGATTTTATTTT 1

RESULT 600  
US-08-009-075-2  
Sequence 2, Application US/08009075  
PATENT No. 5300436

```

; GENERAL INFORMATION:
; APPLICANT: GOLDSTEIN, Menek
; APPLICANT: WU, Jing
; APPLICANT: FILER, David
; APPLICANT: FRIEDHOFF, Arnold J.
; TITLE OF INVENTION: GENETICALLY MODIFIED TYROSINE
; TITLE OF INVENTION: HYDROXYLASE AND USES THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY and NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,075
; FILING DATE: 19930126
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TOWNSEND, GUY K.
; REGISTRATION NUMBER: 34,033
; REFERENCE/DOCKET NUMBER: GOLDSTEIN=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-009-075-2

Query Match 1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 622 GACAGAGTCTCAG 635
DB 2 GACAGAGTCTCAG 15

RESULT 601
US-08-452-196A-3/C
; Sequence 3, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
```

```

; COMPUTER: Apple Macintosh.
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: Yes
; ORIGINAL SOURCE: synthesized
; FEATURE:
; LOCATION: 14
; OTHER INFORMATION: 8-[2,2-bis
; OTHER INFORMATION: (methoxymethyl)
; OTHER INFORMATION: propoxy]-9-
; OTHER INFORMATION: methyladenosine
; US-08-452-196A-3

Query Match 1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 431 TATTTATTTTTTTT 445
DB 15 TTTTTTTTTTTTTT 1

RESULT 602
US-08-452-196A-4/C
; Sequence 4, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
```

FILED DATE: 26-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/040,326  
FILING DATE: 30 March 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul E. Dupont  
REGISTRATION NUMBER: 27,438  
REFERENCE/DOCKET NUMBER: 2525  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)889-6338  
TELEFAX: (215)889-8800  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: Nucleic Acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Nucleic Acid  
DESCRIPTION:  
ANTI-SENSE: yes  
ORIGINAL SOURCE: synthesized  
FEATURE:  
LOCATION: 13  
OTHER INFORMATION: 8-[2,2-bis  
OTHER INFORMATION: (methoxymethyl)  
OTHER INFORMATION: propoxy]-9-  
OTHER INFORMATION: methyladenosine  
US-08-452-196A-4

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 430 TTTTATTTT 444  
DB 15 TTTTATTTT 1

RESULT 603  
US-08-292-620A-13  
Sequence 13, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-13

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 680 GCAACCTGCTCC 693  
DB 1 GCAACCTGCTCC 14

RESULT 604  
US-08-292-620A-355  
Sequence 355, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,322  
REFERENCE/DOCKET NUMBER: 2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 355  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-355

Query Match	1.3%	Score 12.4;	DB 1;	Length 15;
Best Local Similarity	14.3%;	Pred. No. 4.1e+02;		
Matches	2;	Conservative	11;	Mismatches 1;
				Indels 0;
				Gaps 0

```
QY      432 ATTTATTTTTTT 445
         |:::|:::~::~:
Db      1 AUUUGAUUUUUUU 14
```

US-0807 605  
US-082932-620A-359  
Sequence 359, Application US/08292620A  
Patent No. 3837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McGivgen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Waibury, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

**TWO**

```

;          TELEX: 67-3510
;          INFORMATION FOR SEQ ID NO: 359
;          SEQUENCE CHARACTERISTICS:
;              LENGTH: 15 base pairs
;              TYPE: nucleic acid
;              STRANDEDNESS: single
;              TOPOLOGY: linear
;
US-08-292-620A-359

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Query Match	1.3%;	Score 12.4;	DB 1;	Length 15;
Best Local Similarity	7.1%;	Pred. No. 4.1e+02;		
Matches	1;	Conservative	12;	Mismatches 1; Indels 0; Gaps 0;

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QY      432 ATTTTATTTTTT 44
         |::: :::::
Db      2 AUUUUUUUUUUU 15
```

US-0887 606  
: Sequence 360, Application US/08292620A  
: Patent No. 5837542  
: GENERAL INFORMATION:  
: APPLICANT: Susan Grimm  
: APPLICANT: Dan T. Stinchcomb  
: APPLICANT: James McSwiggen  
: APPLICANT: Sean Sullivan  
: APPLICANT: Kenneth G. Draper  
: TITLE OF INVENTION: RIBOZYME TREATMENT OF  
: TITLE OF INVENTION: DISEASES OR CONDITIONS  
: TITLE OF INVENTION: RELATED TO LEVELS OF  
: TITLE OF INVENTION: INTRACELLULAR ADHESION  
: TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
: NUMBER OF SEQUENCES: 2390  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Lyon & Lyon  
: STREET: 613 West Fifth Street  
: STREET: Suite 4700  
: CITY: Los Angeles  
: STATE: California  
: COUNTRY: U.S.A.  
: ZIP: 90071-2066  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
: MEDIUM TYPE: storage  
: COMPUTER: IBM Compatible  
: OPERATING SYSTEM: IBM P.C. DOS 5.0  
: SOFTWARE: Word Perfect 5.1  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/292,620A  
: FILING DATE: August 17, 1994  
: CLASSIFICATION: 435  
: PRIOR APPLICATION DATA: including application  
: PRIOR APPLICATION DATA: described below:  
: PRIOR APPLICATION DATA: described below:  
: APPLICATION NUMBER: 08/008,895  
: FILING DATE: January 19, 1993  
: APPLICATION NUMBER: 07/989,849  
: FILING DATE: December 7, 1992  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Warburg, Richard J.  
: REGISTRATION NUMBER: 32,337  
: REFERENCE/DOCKET NUMBER: 208/149  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: (213) 489-1600  
: TELEFAX: (213) 955-0440  
: TELEX: 67-3510  
: INFORMATION FOR SEQ ID NO: 360:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 15 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: single  
: TOPOLOGY: linear

**TWO**

US-08-292-620A-360

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 7.1%; Pred. No. 4.1e+02;  
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTATTTT 445  
Db 1 AUUUUUUUUU 14

RESULT 607  
US-08-585-684B-2114/c

Sequence 2114, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2114:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2114

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 GATGGGTCACCA 801  
Db 14 GATGGGTCACCA 1

RESULT 608  
US-08-863-639A-8/c  
Sequence 8, Application US/08863639A  
Patent No. 598185  
GENERAL INFORMATION:

APPLICANT: Matson, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Kampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel Wordperfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muehl  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-8

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTT 447  
Db 15 TTTATTTT 2

RESULT 609  
US-08-832-021-17  
Sequence 17, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:  
APPLICANT: Combates, N.  
APPLICANT: Pardini, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Steen, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 17  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-17

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAAAA 447

Db 1 TTTTATTTTAAAA 14

RESULT 610

US-08-832-021-18

; Sequence 18, Application US/08832021

; Patent No. 6045998

; GENERAL INFORMATION:

; APPLICANT: Combates, N.

; APPLICANT: Pardinas, J.

; APPLICANT: Parimoo, S.

; APPLICANT: Prouty, S.

; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

; FILE REFERENCE: JBP-382

; CURRENT APPLICATION NUMBER: US/08/832,021

; CURRENT FILING DATE: 1997-04-02

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.3.0

; SEQ ID NO 18

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-18

Query Match 1.3%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAAAA 447

Db 1 TTTTATTTTAAAA 14

RESULT 611

US-08-832-021-20

; Sequence 20, Application US/08832021

; Patent No. 6045998

; GENERAL INFORMATION:

; APPLICANT: Combates, N.

; APPLICANT: Pardinas, J.

; APPLICANT: Parimoo, S.

; APPLICANT: Prouty, S.

; APPLICANT: Stem, K.

; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

; FILE REFERENCE: JBP-382

; CURRENT APPLICATION NUMBER: US/08/832,021

; CURRENT FILING DATE: 1997-04-02

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.3.0

; SEQ ID NO 20

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-20

Query Match 1.3%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAAAA 447

Db 1 TTTTATTTTAAAA 14

RESULT 612

US-08-832-021-44

; Sequence 44, Application US/08832021

; Patent No. 6045998

; GENERAL INFORMATION:

; APPLICANT: Combates, N.

; APPLICANT: Pardinas, J.

; APPLICANT: Parimoo, S.

; APPLICANT: Prouty, S.

; APPLICANT: Stem, K.

; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

; FILE REFERENCE: JBP-382

; CURRENT APPLICATION NUMBER: US/08/832,021

; CURRENT FILING DATE: 1997-04-02

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.3.0

; SEQ ID NO 44

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-44

Query Match 1.3%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 168 TATTTTATTTAGT 181

Db 2 TTTTATTTTATGCT 15

RESULT 613

US-08-832-021-56

; Sequence 56, Application US/08832021

; Patent No. 6045998

; GENERAL INFORMATION:

; APPLICANT: Combates, N.

; APPLICANT: Pardinas, J.

; APPLICANT: Parimoo, S.

; APPLICANT: Prouty, S.

; APPLICANT: Stem, K.

; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

; FILE REFERENCE: JBP-382

; CURRENT APPLICATION NUMBER: US/08/832,021

; CURRENT FILING DATE: 1997-04-02

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.3.0

; SEQ ID NO 56

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-56

Query Match 1.3%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 595 TTTTATTTTATTT 608

Db 2 TTTTATTTTATTT 15

RESULT 614

US-09-071-845-13

; Sequence 13, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb



APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-13

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 680 GCAACCTCTGCCTC 693  
DB 1 GCAACCTCTGCCTC 14

RESULT 615  
US-09-071-845-355  
Sequence 355, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 355:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-355

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 14.3%; Pred. No. 4.1e+02;  
Matches 2; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTATATTTT 445  
DB 1 ATTATATTTT 14

RESULT 616  
US-09-071-845-359  
Sequence 359, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles

```

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071.845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008.895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989.849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Waipburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 359:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-359

Query Match 1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 7.1%; Pred. No. 4.1e+02;
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0

Dy 432 ATTTATTTTTTTT 445
|:::|:::|:::|
Db 2 Auuuuuuuuuuuu 15

RESULT 617
US-09-071-845-360
Sequence 360; Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McGivgen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

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1 OPERATING SYSTEM: IBM P.C. DOS 5.0
2 SOFTWARE: Word Perfect 5.1
3 CURRENT APPLICATION DATA:
4 APPLICATION NUMBER: US/09/071,845
5 FILING DATE:
6 CLASSIFICATION:
7 PRIOR APPLICATION DATA:
8 APPLICATION NUMBER: US/08/292,620
9 FILING DATE: August 17, 1994
10 APPLICATION NUMBER: 08/008,895
11 FILING DATE: January 19, 1993
12 APPLICATION NUMBER: 07/989,849
13 FILING DATE: December 7, 1992
14 ATTORNEY/AGENT INFORMATION:
15 NAME: Walburg, Richard J.
16 REGISTRATION NUMBER: 32,327
17 REFERENCE/DOCKET NUMBER: 208/149
18 TELECOMMUNICATION INFORMATION:
19 TELEPHONE: (213) 489-1600
20 TELEFAX: (213) 955-0440
21 TELEX: 67-3510
22 INFORMATION FOR SEQ ID NO: 360:
23 SEQUENCE CHARACTERISTICS:
24 LENGTH: 15 base pairs
25 TYPE: nucleic acid
26 STRANDEDNESS: single
27 TOPOLOGY: linear
28 US-09-071-845-360
29
30 Query Match 1.3%; Score 12.4; DB 1; Length 15;
31 Best Local Similarity 7.1%; Pred. No. 4,1e+02;
32 Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0.
33
34 Oy 432 ATTTATTTT 445
35 |:::|:::|
36 DB 1 AUUUUUUUUUU 14
37
38 RESULT 618
39 US-09-038-073-2114/c
40 Sequence 2114, Application US/09038073
41 Patent No. 6194150
42 GENERAL INFORMATION:
43 APPLICANT: Stinchcomb, Daniel T.
44 APPLICANT: Jarvis, Thale
45 APPLICANT: McSwigen, James
46 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
47 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
48 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
49 NUMBER OF SEQUENCES: 2751
50 CORRESPONDENCE ADDRESS:
51 ADDRESSEE: Lyon & Lyon
52 STREET: 633 West Fifth Street
53 STREET: Suite 4700
54 CITY: Los Angeles
55 STATE: California
56 COUNTRY: U.S.A.
57 ZIP: 90071
58 COMPUTER READABLE FORM:
59 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
60 MEDIUM TYPE: storage
61 COMPUTER: IBM Compatible
62 OPERATING SYSTEM: IBM P.C. DOS 5.0
63 SOFTWARE: FastSeq Version 1.5
64 CURRENT APPLICATION DATA:
65 APPLICATION NUMBER: US/09/038,073
66 FILING DATE:
67 PRIOR APPLICATION DATA:
68 APPLICATION NUMBER: 08/585,684
69 FILING DATE:
70 ATTORNEY/AGENT INFORMATION:
71 NAME: Walburg, Richard
72 REGISTRATION NUMBER: 32,327

```

```
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2114:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2114

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 GATGGGGTTCCACCA 801
DB 14 GATGGGGTTCCACCA 1

RESULT 619
US-09-081-646-232/c
Sequence 232, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 232
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-232

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGGTTCCACCATG 803
DB 14 TGGGGTTCCACCATG 1

RESULT 620
US-09-081-646-286/c
Sequence 286, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
APPLICANT: Zhang, Lin
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
```

```
SEQ ID NO 286
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-286

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 ACCAGCCCGGCTT 899
DB 15 ACCAGCCCGGCTT 2

RESULT 621
US-09-081-646-821/c
Sequence 821, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 821
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-821

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGGTTCCACCATG 803
DB 14 TGGGGTTCCACCATG 1

RESULT 622
US-09-475-947A-158
Sequence 158, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT FILING DATE: 1999-12-31
CURRENT APPLICATION NUMBER: US/09/475,947A
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 158
LENGTH: 15
TYPE: DNA
ORGANISM: human
FEATURE:
OTHER INFORMATION: n signifies a, t, c or g.
US-09-475-947A-158

Query Match
Best Local Similarity 86.7%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

OY 595 TTTTATTTTATTT 609  
Db 1 TTTTATTTTNTTT 15

## RESULT 623

US-09-422-978-3767  
; Sequence 3767, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET 020CPI  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER FILING DATE: 1999-10-20  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 3767  
; LENGTH: 47  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: allele  
; LOCATION: 24  
; OTHER INFORMATION: 99-11878-212 : polymorphic base C or T  
US-09-422-978-3767

Query Match 1.2%; Score 12.2; DB 1; Length 47;  
Best Local Similarity 57.1%; Pred. No. 5.4e+02;  
Matches 20; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

OY 448 GACACAGGTGTCCTCTTACCAGATGAGTG 482  
Db 1 GAGCAGAGATCACTTGAACTGGAGGAGAG 35

RESULT 624  
US-08-487-759-3  
; Sequence 3, Application US/08487759  
; Patent No. 5660989

; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,759  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.

; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19393  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO

US-08-487-759-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 595 TTTTATTTTATTT 606  
Db 2 TTTTATTTTATTT 13

RESULT 625  
US-08-973-139-3  
; Sequence 3, Application US/08973139  
; Patent No. 6100028

; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,139  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,760  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19398  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720

; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-973-139-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTT 606  
DB 2 TTTTATTTT 13

RESULT 626  
US-08-809-513A-4/C  
Sequence 4, Application US/08809513A  
Patent No. 6524588  
GENERAL INFORMATION:  
APPLICANT: Hobom, Gerd; Neumann, Gabriele; Menke, Annette  
TITLE OF INVENTION: An Attenuated Vaccination and Gene-Transfer Virus, a  
TITLE OF INVENTION: Method  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NORRIS McLAUGHLIN & MARCUS  
STREET: 660 White Plains Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591-5144  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage  
COMPUTER: Gateway Pentium II  
OPERATING SYSTEM: Windows 98  
SOFTWARE: Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/809,513A  
FILING DATE: 24-MAR-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION NUMBER: PCT/EP95/03663  
FILING DATE: 18-SEP-1995  
APPLICATION NUMBER: EP 94115505.3  
PRIOR APPLICATION DATA:  
FILING DATE: 30-SEP-1994  
APPLICATION NUMBER: EP 94115505.3  
ATTORNEY/AGENT INFORMATION:  
NAME: Kurt G. Briscoe  
REGISTRATION NUMBER: 33,141  
REFERENCE/DOCKET NUMBER: Hobom 9832-KGB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 332-1844  
TELEFAX: (914) 332-1844  
INFORMATION FOR SBO ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Influenza virus, 'vRNA 3' sequence  
INDIVIDUAL ISOLATE: PH1104 vRNA Promoter Element  
US-08-809-513A-4

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 316 GTAGAAACAGGG 327  
DB 12 GTAGAAACAGGG 1

RESULT 627  
PCT-US96-08320-3  
Sequence 3, Application PC/TUS9608320  
GENERAL INFORMATION:  
APPLICANT: Cole, James L.

APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08320  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19393 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08320-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTT 606  
DB 2 TTTTATTTT 13

RESULT 628  
PCT-US96-08330-3  
Sequence 3, Application PC/TUS9608330  
GENERAL INFORMATION:  
APPLICANT: MERCK & CO., INC.  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08330  
FILING DATE:  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19398 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08330-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTAA 606  
DB 2 TTTTATTTTAA 13

RESULT 629  
US-08-233-030-22  
Sequence 22, Application US/08233030  
Patent No. 5639655  
GENERAL INFORMATION:  
APPLICANT: James D. Thompson  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC  
LEUKEMIA  
TITLE OF INVENTION: LEUKEMIA  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/233,030  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/008,910  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 197/240  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-233-030-22

Query Match 1.2%; Score 12; DB 1; Length 14;

Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
QY 472 AGGATGAAGTGC 483  
DB 1 AGGAUGAAGTGC 12

RESULT 630  
US-08-309-512-51

Sequence 51, Application US/08309512  
Patent No. 5759828  
GENERAL INFORMATION:  
APPLICANT: Tai, Ronny  
APPLICANT: Benzman, Moshe  
APPLICANT: Gelfand, David H.  
APPLICANT: Ben-Bassat, Arie  
APPLICANT: Calhoun, Roger D.  
APPLICANT: Wong, Hing C.  
TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 2730 Sand Hill Road  
CITY: Menlo Park  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/309,512  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/800,218  
FILING DATE: 29-NOV-1991

ATTORNEY/AGENT INFORMATION:  
NAME: Bortner, Scott R.  
REGISTRATION NUMBER: 34,298  
REFERENCE/DOCKET NUMBER: 8145-008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 854-3660  
TELEFAX: (415) 854-3694  
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
US-08-309-512-51

Query Match 1.2%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 278 TGGCCACCATGC 289  
DB 3 TGGCCACCATGC 14

RESULT 631  
US-09-358-972-251/c  
Sequence 251, Application US/09358972  
Patent No. 6235460  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W

```

; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; EARLIER FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to AluI
; US-09-358-972-251

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      784 TAGAGATGGGCT 795
      |||||
      14 TAGAGATGGGCT 3
DB

```

```

RESULT 632
US-09-081-646-17/c
; Sequence 17, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Wei
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-17

```

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Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY      736 GGGACTACAGGC 747
      |||||
      15 GGGACTACAGGC 4
DB

```

RESULT 633

```

US-09-081-646-476/c
; Sequence 476, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 476
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-476

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Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      652 GAGTGCAGTGGC 663
      |||||
      15 GAGTGCAGTGGC 4
DB

```

```

RESULT 634
US-09-081-646-534
; Sequence 534, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Wei
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 534
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-534

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```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      285 CATGCCCGGCTC 296
      |||||
      1 CATGCCCGGCTC 12
DB

```

```

RESULT 635
US-09-383-316-87/c
; Sequence 87, Application US/09383316
; Patent No. 6331551
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna

```

```

; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhoades, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to AluI
;
US-09-383-316-87

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      784 TAGAGATGGGGT 795
      |||||
Db      14 TAGAGATGGGGT 3

```

```

RESULT 636
US-09-790-417-251/c
; Sequence 251, Application US/09790417
; Patent No. 6730479
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhoades, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to AluI
;
OTHER INFORMATION: human gene

```

```

US-09-790-417-251
Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      784 TAGAGATGGGGT 795
      |||||
Db      14 TAGAGATGGGGT 3

```

```

Search completed: November 15, 2004, 07:57:38
Job time : 10 secs

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